

VHF-UHF DIGEST

November 1974



publishers' notes...

WTFDA HEADQUARTERS, P.O. BOX 163, DEERFIELD, IL 60015 USA

LATE AGAIN...if we seem a little red in the face this month, please forgive. Last month we stated in the Publisher's Notes that a solution to the problem of late mailings of the VHF-UHF DIGEST was at hand. Well, almost! Through a comedy (?) of errors between Don Ruland and Morrie Goldman, we probably set a record for being late with the October VUD. November will be better!

SOUTHERN FM DX EDITOR STILL NEEDED...as hard as it may seem to believe, we still have not heard from any members who would like to take over the Southern FM DX column. Larry Vogt, current editor, continues to write the column on an interim basis, but we do need a full-time editor. Please write to Don Ruland if interested.

1975 CONVENTION SITE...it is still up for grabs. We have received only one offer thus far, from Richard Clark of Fort Lauderdale, Florida. If you would like to host our annual extravaganza why not write to Don Ruland (4448 68th Place, Kenosha, WI 53140) today. The convention is usually held on a week-end in August, with the actual dates and eventual site determined by membership vote, and of course the availability of the host and facilities.

WHERE HAS ALL THE TROPO GONE...long time passing? All indications lead to the conclusion Fall 1974 was a real bummer in most parts of the U.S. and Canada for tropo. Could it be this lack of DX that has led to general member apathy in the WTFDA? Morrie Goldman has some timely things to say on this subject, elsewhere in this month's VUD.

WTFDA SUPPLIES ARE ALL IN STOCK... See the back cover for a full listing.

FCC FM NEWS

Bruce F. Elving, Ph.D., Editor
Box 24
Adolph MN 55701/U. S. A.

For the next month at least, please continue using the Adolph address. There's a

New Construction Permits

AZ Chinle [anybody know where Chinle is?]
*89.1, 520; -280'

AZ Casa Grande 105.5 3000 h,v; bl. unknown

AZ Prescott 98.3 3000 h,v; 175'

CA Barstow K232AB 94.38 m 10 (KLVE 107.5

Los Angeles CA translator)

CA Fremont *90.1 10

CO Windsor KUAD-FM 99.1 100000 h,v; 660'

[Probably apocryphal: Broadcasting Year-

book '74 and Vane Jones (10th Ed.) both

show a Vail CO 104.7 100000h, 20300v, 1368'

but, to the best of my knowledge, this is

not an official grant, but still in hear-

ing before the Federal Communications

Commission (FCC).] No 8: KLEB-FM 94.3

CT New Canaan *91.7 10 Golden Meadow LA

ID Burley 98.3 3000; 105'

IN Garyville WGRF 107.1 3000 h,v; 300'

MO Braddock Heights W28AB 105.58 1 m

(WFRF 99.9 Frederick MD translator) MN AIR

MI Adrian W292AC 106.38 1 g (WPSX 102.3

Holland OH translator)

MI Bloomfield Hills *88.1 10

NE Grand Island 96.5 100000 h,v; 420'

NE Lincoln 95.3 3000 h,v; 115'

NE Nebraska City 97.7 3000 h,v; 155' [Coll.]

NH Hanover 99.3 3000 h,v; 300' Dartmouth;

NV Mesquite K237AF 95.38 m 10 (KSL-FM

100.3 Salt Lake City UT translator)

MN Detroit Lakes 95.3 3000 h,v; 280'

NY Baldwinville *90.5 10 (requests WBXL)

OH Greenville *88.3 155; 105'

OH Marion 94.3 3000; 300'

NC Asheville WB8U-FM *91.3 430; 850'

OC Toledo *88.1 10 Schools (resurrection

of the old WTOS-91.37)

SD Mitchell 102.3 3000 h,v; 300'

TX Amarillo *93.1 14000; 480' Jr. College

TX Lubbock 101.1 30000; 840' [Seattled

WA Everett K292AL 106.38 10 m (KXII-FM 239

WY Mammoth K205AA 104.98 10 (KURL-FM 811-

ings-MT 97.1 translator; frequency calls

assumed, based upon monitoring on car

radio.)

PR Bayamon 100.7 50000 h,v; -45'

CO Leadville. See Glenn Hauer's report

or column elsewhere in the VUD for news

of several unlicensed FM translators in

this scenic town.

On the Air and DX Ready

AL Mobile WH1L-FM *91.3 10

AL Ozark WAYD-FM 103.9 3000 h,v; 189'

AZ Lake Havasu City KBAS 95.9 1474; -240'

CA San Bernardino KOLH 95.1 15000h,v; 320'

CO La Junta KBLJ 92.1 3000 h,v; 300'

CO Colorado Springs KEPC *90.5 610; -700'

LA Hammond WFRP-FM 107.18 3000; 300' MOR.

ME Bangor WBSN *89.3 10

ME Sidney KSID-FM 95.3 3000 h,v; 54'

NY Henrietta WRHR *90.5 10

NY Saratoga Springs *91.1 10

NC Buies Creek WCCE *90.1 3000; 105'

KS Hays KJLS 103.3 100000 h,v; 340'

PA Johnstown WAAT 92.1 175 h,v; 1000'

PA Scranton WVMH-FM *91.5 10

RI Smithfield WJMF *91.5 10

TX Abilene KQRO 100.78 100000 h,v; 1275'

TX Edinburg KESI 107.9 100000 h,v; 490'

UT Mount Pleasant KNTF *91.1 10 [h.]

WV Clarksburg WPOX-FM 104.9 2350 h,v; 330'

Listed as Stereo [tion in for power rise

h, v, KY Lexington WLAF-FM 94.5 r (has applica-

To go Stereo [h, v, KY Hindman 107.1 WKBZ-FM

LA Franklin 95.3 KFRA-FM

LA Hammond *90.9 KSLU

ME Rumford 96.3 WKAA

MD Baltimore *88.9 WEEA (to 125000v; 870')

93.1 WPOC (WFMH) (country) music/

MA Springfield 94.7 WNAS-FM (WHVY)

MN Duluth 98.9 WAKX-FM (KPIR) 8; rock

MH Rickfield 101.3 WYOO-FM (WRAH) Stereo

resumes; rock.

MS Columbia 96.7 WFFF-FM (WFFF-FM)

NV Carson City 97.3 KKBG (KPTL-FM) 8, 9

NY Binghamton *89.3 WSKG-FM

NY Rochester 97.9 WXPY (WROC-FM) 8, 9

NC Asheville *88.1 WUNF-FM (not WUNF)

OH Canton *91.5 WFAC

OK Lawton 98.1 KARL (KCCO-FM)

SC Lancaster 107.1 WPAJ-FM (WLCM-FM)

OH Bend 94.1 KXIQ

TX Dallas *89.3 KUEB

TX Mount Pleasant 100.7 KPXI (KIMP-FM)

UT Beaver *90.1 KBBB

VA Hampton 101.3 WVHR (not WVHR as given

erroneously before)

VA Yorktown 94.1 WYVA

WV Parkersburg 99.3 WBZ (WCEF-FM) 8, 9

but ad in recent Broadcasting says rock.

WA Bluefield 106.3 WBOY (WKJC) (and listed

erroneously in FM Atlas as Welch WY)

WA Spokane 93.7 XXRR-FM (KONC-FM)

WI Madison *88.7 WERN (WBA-FM)

NH Albionville 100.3 KPAR-FM (KMAP)

WI Oshkosh 103.9 WYTL (WOSH-FM) 8 &

Updated FM Translator Calls. In going thru

the list of translators I've discovered

several conflicts with FCC data. While

there may be errors in the following list,

it is the best information now available.

105.5: Change Brigham City UT from K288AB

to K288AD, " Halcon-Scripto UT " K288AD

" K288AP, " Blythe CA " K288AQ

" K288AR, " Ely NV " K288AP

" K288AQ, " Soda Springs ID " K288AR

" K288AS, " Beaver UT " K288AD

" K288AD " Ft. Walton Beach FL " K288AB

" K288AC. K288AB and K288AT are appar-

ently unassigned. 106.3: WI La Crosse-

La Crecent MN W292AB (from K292) 10 w.

104.9: Ellijay GA W285AA (from W285AB).

103.1: NA Everett K276AC (K276AB)

NA Puyallup K276AB (K276AC)

102.3 CO Durango K272AC (K272AB): and K272AB

is apparently unassigned.

Calls Assigned or Changed

AL Enterprise 105.7 WJMK

AL Fayette 98.1 WVEL-FM (WVEL-FM)

AL Huntsville *90.1 WOCG

FCC - FM

November 1974

96.7; CO Wray K244A (K244AC).

WY Evanston K244AC (K244AA). It is possible that the Evanston and Laramie WY translators have all deleted, with the advent of new full-powered stations in those areas. Thus on 95.3 I list more translators than the FCC does, with the following provisional changes to be made:

- Change Vernal UT K237AH to K237AC
- * Marysville UT K237AG * K237AF
- * Fillmore UT K237AI * K237AH
- * Estes Park CO K237AF * K237AG
- * Tablone UT K237AC * K237AA
- * Laramie WY K237AA * K237AJ

Call Letters "Changes"

[WJNL-FM]

- FL Atlantic Beach 104.9 WJNL-FM (not)
- TX Bryan 98.3 KORA-FM (KORA-FM)
- TX Victoria 98.7 KTXN-FM (not KTXN-FM)
- VA South Boston 97.5 WJLC-FM (WJLC-FM)

Deletions (or actually "initial deletions")

that have not been officially granted by the FCC) AR Ft. Smith KFFM-FM 100.9

MI Battle Creek 95.3

OH Lorain 104.9; VA Virginia Beach 94.9

KS Parsons KPPS *91.1 (did not seek license)

license renewal) WY Charleston WKNA 98.5

IN Springfield WDBL-FM 94.3 to change to 3000 hz; 300' above average terrain.

WA Auburn KGRG should be listed on *88.9, not *88.5 as I erroneously gave before.

Also delete: Hartford City IN WHCI*91.9

On Air with Changed Facilities (Selected, and continued from listing on previous page):

IN Kokomo WWKI 100.5 20000 h.v; 470'

KS Kansas City KPBS-FM 103.3 100000 h.v; 450', Stereo?

KS Wichita KARD 107.3 98000 h.v; 850'

MI Petoskey WJML-FM 96.9 100000 h.v; 800'

Stations Newly Discovered with Stereo. At least if you believe everything in the 1974 Broadcasting Yearbook, you can assume all the following are now stations:

AL Tuscaloosa WJAL *91.7

AZ Yuma KJDK 93.1

CA Arcata KXGO 93.5

CA Fresno KJ3-FM 97.9. (KBBE-FM Modesto, [too?])

CO Grand Junction KQIX 93.1

CO Pueblo KQZA-FM 100.7

FL New Port Richey WGLU-FM 105.5

IL Urbana WJNC 103.9

IN Crawfordville WLFQ 103.9

MD Annapolis WFSI 107.9

NY Amacoma KGLM 97.7

NY Rensselaer WQBN-FM 103.9

NC Winston Salem WTOR 104.1

OH Newark WKKO 101.7

FL New Port Richey WGLU-FM 105.5

WA Auburn KGRG should be listed on *88.9, not *88.5 as I erroneously gave before.

READERS' REPORTS AND COMMENTS

WILQ 105.1 Williamsport PA is not all country; still rock after dark, which corrects info given in the Sept. VUD, p. 8. WKOK-FM 94.1 Sunbury as "Easy Gold" 11pm-Midnight; CBS Mystery Theatre 10:07-11 p. m. ELT. Other formats: KIKI 105.7 Longview TX \$, country (was rock), KJAD-FM 92.5 Klamath Falls OR country. Idiomatic ID's: KKAJ Ardmore OK 95.7 "Ray Jay"; KOOI 106.5 Jacksonville TX "Ray-One." KSUC *88.3 Keene TX gives double their actual power; must be vertically polarized. KNIS 94.7 Carson City NV now \$, 24 hours.

In upstate New York, WGRV 105.5 Endicott has Bonneville m sound, is trying to get 105.7 with 50 kw, 6 days/week 24 hours. WERW Binghamton *90.5 to be \$ in 1-2 months. WSEK-FM *89.3 Binghamton to be on the air in Jan.-March '75, to knock out WCSQ reception in New York's "southern tier." MD's WJTH-FM 104.3 now has a live r format, like WJPL 92.3.

Andy Smith reports that it was most likely WERG Erie he heard (see "mystery" VUD, Sept., p. 8), but they gave their location as "Edinboro." Power seemed well in excess of 10 watts, however. WSEA 93.5 Georgetown DE calls self "Sea-FM," r. WWR 95.9 Bethany Beach DE has top 40 with "very poor announcers." WQCM 96.7 Halfway MD now all country, on 6 am-Midnight. WBYL-FM 102.3 Carlisle PA now all country, monophonic.

Vertically polarized: WLNG-FM 92.1 Sag Harbor NY, WWRJ 95.3 Southampton NY, WKCI 101.3 Ramden CT (also transmitting with a directional antenna). In Texas news, KEEL 283 San Antonio TX now all rock; KEEZ 97.3 automated with "rock 97" slogan. KSYM *90.3 San Antonio back on the air, operating five days/week 1200 to 2130 local time.

Reconstruction of the 2000' tower near Cedar Rapids IA will mean that KUNI *90.9 Cedar Falls IA should be on at 1700' by November, 1974. In MD, KTTN 94.7 Grand Forks now rock, 24 hours. KFRW-FM 97.9 Fargo on 6 am-3 am 6 days/week; 7 am-3 am Sundays. They are trying to raise money for a new studio and tower and hope to go to 100 kw.

Finally! WTTN-FM Watertown WI has moved from 104.7 to 94.1. KHKS 102.7 Lincoln NE now on with 100000 h.v; 430' "beautiful music."

In addition to the Mammoth WY translator listed on the previous page, KID-FM 96.1 Idaho Falls ID reportedly has a translator in Mammoth on 103.9, serving NW Yellowstone Park. KPMS 98.5 was off the air 3:15 p. m. July 9; technical problems, or? (KPMS is in Billings MT.) KTEQ *88.1 Rapid City heard at Mt. Rushmore, although only 10 watts, with underground rock, calling selves "Ray-tek." WBOQ 107.5 Terre Haute IN now stereo.

On the air: WEOQ 101.7 3000 h.v; 117' MOR, UPI Audio news. WZOW 107.3 Utica is believed off the air until sale of WTLB(AM) approved. (WEOQ is in Geneva NY.) WXII-FM *91.5 Rochester NY (9200 h.v; 255') expected on the air in November--watch for 'em!

KRNO 106.9 Reno on air with \$, m. They are having technical problems with a frequency intermix and are running low power for the time being. WYUR *89.5 Valparaiso IN back on, 10 w, and stereo! They don't want higher power so the FCC won't monitor their free form rock programming! WOJO 105.1 Evanston is black after 10 pm. WJJD-FM 104.3 \$ now.

OH Springfield WEEC 100.7

PA Warren WRRK 92.3

SC Gaffney WAGI 105.3

SC Manning WIVE 92.1 k

TN Columbia WKOM 101.7 m

TN Johnson City WJUT 101.5

TN Lebanon WGOR-FM 107.3

TX Coleman KSTA-FM 107.1

TX Paris KPLT-FM 99.3 ar

TX Tyler KWUE 101.5

UT Saint George KDXU-FM 93.5

VT Saint Albans WWSR-FM 102.3

VA Big Stone Gap WLSD-FM 93.5

VA Charlottesville WQMC 95.3

VA Hampden Sydney WQHS-FM *91.7

VA Tappahannock WRAE-FM 105.5

WA Walla Walla KWCV *90.5 r

PR Arecibo WKIK-FM 106.5

Stations installing new transmitters with exciters that may be stereo capable (provisional stereo):

CA Modesto 103.3 KBBE-FM

MI Traverse City 92.1 WCDW-FM

Off the Air:

NN Duluth WDTN 103.3 Pending sale and financial reorganization. May go educational. (1-1-75)

LA New Orleans WJXD 98.5 Probably until/



Canadian Radio-Television
Commission

Conseil de la Radio-Télévision
Canadienne

J. JOEL ROSENBERG & MARK L. LEWIS
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DOWNSVIEW -ONT- LONDON
416-633-1769 519-471-0978

NORTH OF THE BORDER:

FOR NEWS IN CANADIAN BROADCASTING

NOV 74

TV APPROVALS

SHERBROOKE, PQ CKSH-TV ch. 9 Auth: 77.1/14.3 kw. Props 113/20.2 kw. (CBC FR)
WINNIPEG, MAN NEW ch. 9# 325 kw. dir. (Independent)
ARABELLA, SASK NEW ch. 7 3.9 kw. dir. Sat CICO-TV Yorkton ch. 10 (CTV)
ARABELLA, SASK NEW ch. 13 3.7 kw. dir. Sat CKOS-TV Yorkton ch. 3 (CBC)
HUDSON BAY, SASK NEW ch. 11 .42 kw. dir. Sat. ch. 7 Arabela (CTV)
HUDSON BAY, SASK NEW ch. 9 .43 kw. dir. Sat. ch. 13 Arabela (CBC)
CHATHAM, NB NEW ch. 12 137 kw. dir. Sat. CHSJ-TV St. John ch. 4 (CBC) * SEE
CAMPBELLTON, NB NEW ch. 7- 3.37 kw. dir. Sat. ch. 12 Chatham (CBC) * BELOW
BONAVISTA, NFLD GJON-TV-1 Pres: ch. 10 .25 kw dir Props ch. 9 20.65 kw. dir. (CTV)

FM APPROVALS

DEER LAKE, NFLD 97.9 MHz NEW 15 watts Sat CFCB-AM Corner Brook
HALIFAX, NS NEW 100 kw. omni Auth: 100.1 MHz Prop: 102.7 MHz (CBC-FM ENG NET)
GRAND MANAN, NB 103.7 MHz NEW 1.575 kw. omni Sat CBZ-AM Fredericton (CBC-AM ENG NET)

TV APPLICATIONS

LLOYDMINSTER, ALTA NEW ch. 4 82 kw. omni By CKSA-TV Lldmtr. (CTV)
SWIFT CURRENT, SASK NEW ch. 12- 11.5 kw. dir. By CJFB-TV Swt Crnt. (CTV)
ST. JEROME, PQ ch. 4 46.7 watts omni NEW 30 mi. N of Mtl ***only 85 mi from CBOT
QUEBEC, PQ ch. 15- Auth: 1235/246 kw. Props: 1298/659 new site FR ETV*Que Brdcast Bur.

FM APPLICATIONS

LETHBRIDGE, ALTA CHEC-FM 100.9 MHz Pres: 245 w. Props: 32 kw. omni, new site
EDMONTON, ALTA CFRN-FM 100.3 MHz Pres: 16.2 kw. omni Props: 64 kw. dir. new site
EDMONTON, ALTA CJCA-FM Pres: 99.5 MHz 414 w. omni Props: 97.3 MHz 64 kw. dir. new site
EDMONTON, ALTA CKUA-FM Pres: 98.1 MHz 352 w. omni Props: 94.9 MHz 64 kw. dir. add \$, "
CALGARY, ALTA NEW 95.7 MHz 74 kw. dir Sat. CKUA Edmonton (Alta Educ Comm Corp)
LETHBRIDGE, ALTA NEW 99.3 MHz 100 kw. omni Sat CKua Edmonton (AEOG)
BRAMPTON, ONT CHIC-FM 102.1 MHz Pres: 857 w. Props: 100 kw. new site
ST. CATHARINES CKTS-FM 97.7 MHz Pres: 250 w. Props: 50 kw. new site @ Thorold, ONT

TIDBITS

###Note above approvals at Chatham & Campbellton NB for ch. 12 & 7. These ch. are now occupied by CKAM-12 Upsalquitch & CKOD-7 Campbellton, CTV satellites of CKOW Moncton & part-time CBC repeaters. To avoid disruption of viewing habits, the new CBC stations (satellites of CHSJ St. John) will take over the old channels & present CTV xmtrs. will be closed down. CKOW will receive \$ compensation & establish new satellites at Chatham and Carleton, PQ. The new stations may not operate until CKOW's new xmtrs are ready. The CRTO also dropped the subtle hint that it "...continues to be convinced that the sale of CHSJ-TV and its rebroadcasting stations to the CBC is desirable in the public interest" and expects that CHSJ "will proceed with the necessary negotiations with the CBC in this regard."

###NEW STATIONS that should be on air: as above- CKSH-TV ch. 9 Sherbrooke PQ
Edmonton, Alta ch. 13# CITY-TV 325 kw. (Independent)
Hull, PQ ch. 30# CFCV-TV 1741 kw. (TVA net & Fr. indpt) Also CHLT-7 Sherbrooke
Plus: CFCV-FM St. Andrew's NFLD 97.7 MHz 75 watts / joins TVA net
CFLC-FM Churchill falls NFLD 97.9 MHz 8.2 watts
CBTF-FM Thompson, MAN 99.9 MHz 86 watts b&v
CFTL-FM Big Trout 1. ONT 100.3 MHz 60 watts
CBUF-FM-1 Chilliwaak BC 102.1 MHz 81 watts

###CITY-TV ch. 79 Toronto continues to have problems with its signal as buildings grow higher and higher around its antenna. There's been talk of establishing a repeater on ch. 73 until CN Tower is completed.

###Hope all had a DXful summer. Comments & contributions would be appreciated.

73's M & J

Please send all your
UHF ch 30-33 record
candidates and FM 94
by 10 December. Mark
STATISTICS on envelope
to assure forwarding.
Thank you!

STATISTICS

TELEVISION AND FM
DISTANCE RECORDS
Glenn Hauser
1312 West Oak
Enid OK 73701

CHANNEL 26 TV DX RECORDS

Call	Location	Miles	Dxer, Location
WAIQ	AL Montgomery	790	Robert Seybold, Dunkirk NY
KMPH	CA Tulare	135	Steven Wiseblood, Santa Maria CA
			Jim Pizzi, Orcutt CA
WEVU	FL Naples	160	John Combs, Orlando FL
WGUC	IL Chicago	685	Robert Cooper, Oklahoma City OK
WCBC	IN Anderson	40	Larry Vehorn, Speedway IN
WCNO	LA New Orleans	1010	Bill Draeb, Kewaunee WI
KYNE	NE Omaha	500	Gary Ehresman, South Bend IN
WNYP	NY Jamestown	445	Bill Draeb, Kewaunee WI
WSWO	OH Springfield	365	Bill Draeb, Kewaunee WI
WATU	SC Augusta GA	455	Larry Vogt, Springfield VA
WTVK	TN Knoxville	755	Robert Cooper, Oklahoma City OK
KVRL	TX Houston	1245	Robert Seybold, Dunkirk NY
WETA	MD Washington DC	650	Bill Draeb, Kewaunee WI

Logos

wtvk
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23
KVM-TV HOUSTON

KTSB
Television

wlwt tv 27
LOUISIANA

Wntc 27
CHANNEL

KGCK	CA Tulare	185	Robert Cooper, Lafayette GA
KTSE	KS Topeka	880	Mark Lewis, Downsview Ont
WKYT	KY Lexington	1105	Fred McCormack, Des Lacs ND
WSMW	MA Worcester	645	Roger Brown, East Lansing MI
KMTC	MO Springfield	810	Peter Gennuso, Dunkirk NY
			Robert Seybold, Dunkirk NY
WKBN	OH Youngstown	415	Bill Draeb, Kewaunee WI
WTPA	PA Harrisburg	265	Mark Lewis, Downsview Ont
WYAH	VA Portsmouth	760	Richard Clark, Lighthouse Point FL
WRPT	VA Roanoke	945	Robert Cooper, Arcadia OK
WKOW	WI Madison	685	Fred McCormack, Des Lacs ND

CHANNEL 28 TV DX RECORDS

KGBT	CA Los Angeles	95	Mort Meehan, North Palm Springs CA
WTVM	GA Columbus GA	360	Ed Bourgeois, Norco LA
WJSP	CA Warner Springs	855	Glenn Hauser, Von Ormy TX
WSJV	IN Elkhart	740	Robert Cooper, Oklahoma City OK
WAFB	LA Baton Rouge	370	Richard Lowry, Temple TX
WGPE	MD Salisbury	345	Roy Barstow, Teaticket MA
WRDU	NC Durham	750	Ron LeBlanc, Marrero LA
WGSP	OH Newark	400	Bill Draeb, Kewaunee WI
WBRE	PA Wilkes Barre	630	Bill Draeb, Kewaunee WI
			Ferdinand Dombrowski, Milwaukee WI
KSEL	TX Lubbock	450	Don Ruland, Houston TX
WVER	VT Rutland	325	Robert Seybold, Dunkirk NY
WHWC	WI Golfax	635	Robert Seybold, Dunkirk NY

28

28
WBRE-TV
3333333333

KSEL
LUBBOCK

CHANNEL 29 TV DX RECORDS

KRAK	CA Bakersfield	250	Robert Cooper, Lafayette GA
K29AB	CA Monterey	145	Jim Pizzi, Orcutt CA
WDXR	KY Paducah	780	Glenn Hauser, Von Ormy TX
WKSO	KY Somerset	720	Robert Cooper, Oklahoma City OK
WGTV	MI Traveras City	895	Robert Cooper, Arcadia OK
WMAA	MS Jackson	925	Robert Seybold, Dunkirk NY
KHNE	NE Hastings	710	Roger Brown, East Lansing MI
WUTV	NY Buffalo	450	Morrie Goldman, Chicago IL
			Gary Olson, Deerfield IL
WCDB	NY Nagaman	230	King Schafer, Kennore NY
WTAFF	PA Philadelphia	695	Bill Draeb, Kewaunee WI
WNTV	SC Greenville	615	Richard Clark, Fort Lauderdale FL
WVLR	VA Charlottesville	290	Jerry Pulice, Staten Island NY
CKCN-29 ON	CA Ojai Springs	335	Paul Petosky, Munising MI

wutv
29
buffalo ny

Logos hard to make out
in your Sept. VUD?
WVLP 22
WLTV 23
WCEB-23
WEHT 25


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CLARKE W. INGRAM, 5201 COLEWOOD DRIVE, PITTSBURGH PA 15236. (412) 892-2497,
DEADLINES: DECEMBER 15 (TV SCOREBOARD), JANUARY 15 (FM SCOREBOARD). REPORT!

Hello once again! Well, after much ado and two opening columns, the Scoreboard column has finally gotten around to publishing a Scoreboard. The FM Scoreboard, which will be found on the next page, kicks off what will hopefully be a long run for this column (and its editor). My sincere thanks to all members who contributed totals for either Scoreboard, and to former SB editor Glenn Hauser for forwarding totals received by him. Next month will be an off-month as far as the Scoreboards themselves are concerned; however, we will be here to answer any questions or comments you may have. (We've already answered a few, I hope, with the notes below.)

IT'S REVENGE TIME: Pittsburgh television stations have always been masters at avoiding station identifications---either missing the audio ID altogether or supering an ID over the programming which was far too small to make out. Recently, however, several local stations have been attempting to remedy this situation. WVIC-11, WPGH-53, and WSTV-9 have all been IDing at least every half hour, the first two as often as every fifteen minutes. So, where does the conflict come in? It comes in the form of one Pittsburgh Press columnist, Win Fanning, who recently criticized this action by the stations. To quote from the Press of October 8, 1974: "Station identifications on the half hour are legitimate and proper when programming runs over the time for such, either intentionally or unintentionally. Identifications as often as every fifteen minutes, however, are totally unjustified, and serve only to fix in the mind of the viewer that station's call letters should the local rating service happen to telephone." All three stations have stopped IDing that often, and many have reverted to an on-the-hour format. Of course, this seriously reduces their chances of being caught by some avid DXer. I've already written to Mr. Fanning about his comments, and to the three stations encouraging their continuation of frequent IDs. Hopefully this disdainful attitude toward more frequent identifications will not spread elsewhere.

UNCLEAR CLARIFICATION: An attempt by this editor to reword one of Glenn Hauser's Scoreboard Guidelines apparently resulted in some confusion in the minds of several DXers. We refer to Guideline #9 (p. 13, Sept. VUD) which referred in part to reception of harmonic radiation. The guideline read in this manner: "Harmonic radiation of visual signals, falling within a TV band and of a radio station falling within the FM band are both eligible." What is meant by this is that the harmonic radiation itself falls within either the TV or FM bands. The position of the original signals may be assumed.

"SATURATION" GETS SATURATED: Listings by total political units, or "saturation," have been denounced quite heavily in the time since Glenn Hauser relinquished the Scoreboard editorship. (Several comments were published in last month's column.) As a result of the relatively heavy amounts of mail concerning this subject, this editor is seriously considering discontinuing listings by this method. Many have suggested listings by average distance, but this might become confusing, i.e. 600 mile Es is less common than 1000 mile Es...however, 1600 mile double-hop Es is also less common than 1000 mi. We would like to hear from you concerning the subjects of listing by saturation and by average distance. Your comments will determine the future of both.

73 in 74, *Clarke*

DXer, Location	S T A T I O N S				POLITICAL UNITS				AV DST		YB	As of:
	Total	88-92	Es	MS Au	US	CN	MX	FO	TPU	Es	Tr	
Andy Bolin, Charleston IL	1356	177	402		44+	6	4	2	57			70 Jul 4
Bruce Elving, Adolph MN	1211	94	521	6	42+	3	1	0	47			48 Feb 25
John Ebeling, Bloomington MN	784	99	353	13	42+	4	2	0	49			52 Jul 2
Robert Seybold, Dunkirk NY	742	72	274	0	41	4	4	0	49			60 Mar 17
Fred Nordquist, N. Syracuse NY	652	79	230	9	38+	2	0	2	43			69 Jul 8
Pat Dyer, San Antonio TX	651	78	493	7	38+	2	6	3	50			70 Jul 9
Ron LeBlanc, Marrero LA	630	88	290	2	37+	2	5	4	49			71 Sep 10
Fred McCormack, Des Lacs ND	600	82	408	20	41+	5	2	0	49	1177	476	65 Oct 5
Glenn Hauser, Enid OK	520	30	276	41	39	4	5	1	49			65 Jun 23
Sheldon Remington, Hamden CT	500	91	126	6	36+	2	0	1	40	1047		70 Oct 1
Greg Kelley, Staunton VA	480	58	3	0	21	2	0	1	24			67 Sep 2
Peter Sawatzky, Waterloo ON	424	41	157	26	36	3	0	0	39			71 Jul 6
Glenn Hauser, Stillwater OK	415	98	164	20	37+	2	5	1	46			73 Jul 13
R.J. Steinberger, Hudson MA	305	59	63	6	28	2	0	0	30			58 Jul 5
Steven Wiseblood, Santa Maria CA	204	31	90	1	15	2	2	0	19			71 Jul 9
Dennis Smith, Wasco CA	202	25	41	1	8	0	1	0	9			52 Apr 17
Wayne Ebeling, Bloomington MN	201	40	64	1	23	0	0	0	23	1152	240	72 Jul 2
Gil Morgan, Santa Ana CA	176	42	52	4	16	0	1	1	18			69 Oct 1
Joseph Smith, Johnson City NY	169	18			12+	1	0	0	14			71 Jul 1
Dale Connolly, Van Nuys CA	140	26	7	2	5	0	1	1	7	1100	220	72 Oct 5
Frank Wheeler, Erie PA	131	6	0	0	4	1	0	0	5			64 Sep 3
Fred Hendricks, Decatur IL	101	17	17	0	13	0	0	0	13			70 Aug 24
Jim Alexander, New Hartford NY	100	17	19	0	14	3	0	1	18	1015	105	74 Aug 7
Scott Sampson, Orion IL	82	12	3	0	5	0	0	0	5			73 Jul 28
Ken Simon, West Palm Beach FL	75	41	38	0	14	1	1	3	19			66 Sep 16
Michael Hogan, East Chicago IN	38	9	0	0	4	0	0	0	4			72 Aug 1
Ken Simon, West Palm Beach FL QSL	33	28	26	0	13	1	0	1	15			66 Sep 16

NOTES: Auroral column has been added to FM totals. This was Fred McCormack's idea, and as you can see, he was the only one to submit such a total. We will be looking for more support in this column in the near future.-----Contributions for average distance totals so far has been miserable. We realize that many of you received your VUD's too late to calculate your distances in time for this column. Please try to have done so by the next FM Scoreboard.-----We're still looking for opinions on an VHF Scoreboard; Gil Morgan sent along some ideas which should prove beneficial. What do you think? Let us hear from you! Also may add average MS distance.-----73, Clarke

P.S. As many residents of this area may know, Pittsburgh is not your ideal location for DX. Tropo is practically nonexistent, and Es is rare. As a result, I find myself missing quite a few openings, including the super opening of June 15th. If Es is up, why not call me at (412) 892-2497?

EASTERN TVDX

Bill Thompson
1907 Seneca Street
Buffalo, NY 14210

November 1974

Deadline: 10th

The Fall tropo season has turned out to be very poor almost everywhere in the East. Unusual weather patterns take the blame for most of the lack of TV DX. Some places in the Northeast even experienced the earliest snow-fall in memory! September started slow everywhere, and by the middle of that month conditions fell in many places to midwinter-like levels. In short, there have been no spectacular tropo openings since mid-September, and there has so far been no sign of the long-haul October ducting that usually accompanies a good tropo season.

John F. Combs 816 W. Harvard Orlando, Florida 32804 (EDT)

August		September	
1 Es	1001 CKS02-3? Timmins Ont T	22 Es	1903 KMTV-3 Omaha NE R1215
	"or CKS01?"		+WMT-2, KGLO-3, WHBP-4, "etc."
	1002 CKC02-2 Wiarton Ont R1155	27 Tr	0656 WALB-10 Albany GA R280
	1008 CWRN-4 Rouyn PQ "/3" T	29 Es	2001 unID-2 NBC
Tr	2238 WTVX-34 Ft Pierce FL R105	30 Tr	2240 WVAN-9 Savannah GA u/WFTV
	"w/local WSWB-35 on"	31 Es	1830 WHBP-4 Rock Island R1035
	2240 W33AA-33 N Miami FL N185		1830 WJMN-3 Escanaba MI R1235
	"1st Xltr seen here"(1kw xmr)		1842 WKZO-3 Kalamazoo MI R1000
	2248 WLATV-23 Miami FL R200		1848 WTRV-5 Green Bay WI R1180
	"operating with 1 kw auxiliary		1908 WISC-3 Madison WI R1115
	(xmr power, not ERP -bt) which		1921 WTMJ-4 Milwaukee WI R1085
	explains why they were no		1930 KGLO-3 Mason City IA R1220
	stronger than 33"		1931 WMT-2 Cedar Rapids IA R1110
2	0002 WSVU-26 Naples FL N155		2028 KPCA-2? St Paul MN T
	(VAFI 5555)"went on for first		
	time 0000..guess I'm first to		
	ever see them, hi"		
5 Es?	0944 KBTX-3 Bryan TX (or MS?)	1 Tr	2312 WIS-10 Columbia SC R390
7 MS	0538 WCBG-2 New York NY R995		2312 WOLO-25 Columbia SC R390
	0543 WFVI-6 Philadelphia R895		2312 WNOK-19 Columbia SC R390
Tr	0632 WALB-10 Albany GA R280	2	0138 WCIX-6 Miami FL R210
	0633 WYEA-38 Columbus GA R340		0215 WJHG-7 PanamaCity FL R275
8	0646 WRBL-3 Columbus GA R340		2118 WEBB-14 Allendale SC R310
9 Es	1913 KACB-3 San Angelo TX R1165		2118 WNOK-19 Columbia SC R390
	1915 KMD-2 Midland TX R1265		2118 WIS-10 Columbia SC R390
	1920 WTVX-2 Terre Haute IN N835		2121 WATU-26 Augusta GA(SC) R
10 MS	0538 WJBR-2 Detroit MI R980		2124 WOLO-25 Columbia SC R390
	0545 WCBG-2 New York NY R995	4	0659 WEBB-14 Allendale SC R310
	0606 KMOX -4 St Louis MO R875		0700 WTVX-34 Ft Pierce FL R105
11	"(##&?!"#& ***+!!) slept thru alarm!"	5 MS	0619 WTVN-6 Columbus OH N800
12 MS	0503 WCYB-5 Bristol VA(TN)N570	6	0537 WFVI-6 Philadelphia R895
	0543 WCBG-2 New York R995		0559 WLWT-5 Cincinnati OH N770
Tr	1000 WRBL-3 Columbus GA R340	8 Tr	2004 WTVX-34 Ft Pierce FL R105
13 MS	0531 WFVI-6 Philadelphia R895	13	0546 WJHG-7 PanamaCity FL R275
14	0547 WFVI-6 Philadelphia R895		0635 WRBL-3 Columbus GA R340
Tr	0852 WTVX-34 Ft Pierce FL R105		0652 WDTB-13 PanamaCity FL R275
15 Es	1324 CKVR-3 Barrie Ont R1125		0653 WYEA-38 Columbus GA R340
16 Tr	0930 WTHS-2 Miami FL R200	16 MS	0533 WFVI-6 Philadelphia R895
	Es 1918 KTVI-4 SiouxCity IA R1295	Tr	1934 WPTT-2 Miami FL R200
	2047 KTVO-3? Ottumwa IA T	21	0858 WDTB-13 PanamaCity FL R275
	2059 KYTV-3 Springfield R920		0858 WFSU-11 Tallahassee FL R
	2102 KLINE-3? Lexington NE T	27	0650 WDTB-13 PanamaCity FL R275
18	1000 KPRC-2, KBTX-3, KIII-3	30	0640 WJHG-7 PanamaCity FL R275
	KDFW-4, WOAI-4, KWAB-4 TX		0641 WYEA-38 Columbus GA R340
19 Tr	0711 WEBB-14 Allendale SC R310		0642 WALB-10 Albany GA R280

(John indicates that loggings of WTHS/WPTT-2 Miami on 8-16 & 9-16 were made while WESH-2 was off air)

Jim Alexander Canisius College Box #2-Bosch Hall Buffalo, NY 14208 (EDT)

October

6 Tr 1900 CFPL-10 London Ont (While in Buffalo, Jim is using an RCA rx with all-channel rotor antenna atop a 6-storey college dorm -bt)

Thomas J. Yingling, Jr. 221 Pinewood Road Baltimore, Maryland 21222 (BDT)
 Antennas: Lafayette 36-element log-periodic, 5' dish
 Receivers: Sony TV-720U, Montgomery Wards Airline 11103 9" "my Father's set"
 Channel Master #7008 low-band trap

May
 28 Es 1700 CBHT-3 NS to WJAR-3 VA 1 Tr 2000 WYAH-27 VA
 Halifax (900) 0630 WRAL-5 NC 2000 WCPB-28 MD
 2100 CFOM-4 PQ 2300 WTVR-6 VA 2000 WVIR-29 VA
 Quebec City (850) 5 to WITN-7 NC 2000 WVPT-51 VA
 2100 QJON-6 Nfld 0230 WXXK-8 VA 2000 WHTV-69 VA
 St John's (1400) 0230 WNCT-9 NC 24 Es 1600 EYTV-3 MO
 2100 QJOX-3 Nfld 0230 WAVY-10 VA to CJBR-3 PQ
 Argentia (1450) 0230 WTVB-11 NC to KMTV-3 NE
 2100 CJSJ-4 NB 0230 WWBT-12 VA 2000 KINE-3 NE
 St John (850) 0230 WCBI-12 NC 25 2000 WRBC-3 TN
 29 0100 WBAY-2 WI 0230 WVEC-13 VA 26 MS 0200 WBBM-2 IL
 Green Bay (675) 18 Es 1800 KBTS-3 LA 28 0230 WTVB-2 IN
 0230 CKPR-2 Ont 1850 KINE-3 NE 0300 WJBK-2 MI
 0230 CJIC-2 Ont 20 1900 KARD-3 KS Tr 2000 WNJT-50 NJ
 1700 KATC-3 LA to KMTV-3 NE
 1900 WEDU-3 FL to KATC-3 LA 2400 WNJB-58 NJ
 1900 WTL-4 FL 29 0100 WNCT-9 NC
 1700 WRBL-3 GA 2100 KATC-3 LA 2230 WNYC-31 NY
 Columbus (650) 21 1700 WWL-4 LA WHYY-12 DE
 1900 WEDU-3 FL 1900 WDSU-6 LA to WNBC-4 NY
 1900 WCIX-6 FL 22 1700 KGLO-3 IA WHLEW-5 NY
 1900 WFTV-5 FL 1700 CFOM-4 PQ 2300 WYAH-27 VA
 31 1500 KTVR-3 AZ 1700 KTVR-5 ND August
 Phoenix (1975) Bismarck (1300) 14 Tr 2200 WWAY-3 NC
 (double-hop-nice catch, Tom! -bt) 2200 WLBK-3 MS to WRAL-5 NC
 1530 KBTX-3 TX New Carlisle (700) 2400 WHP-8 NC
 1530 KFDR-3 TX 2200 CHAU-5 PQ 17 Es 1800 KARD-3 KS
 1530 KTBK-3 LA 2200 WCCO-4 MN to KCKT-2 KS
 1530 WLBK-3 MS 2200 KDLO-3 SD 1830 KTEW-2 OK
 2200 KPLO-6 SD 24 Tr 0130 WCVI-4 SC
 2200 WOW-6 NE to WCSC-5 NC
 24 MS 0205 WBBM-2 IL to WWAY-3 SC
 0612 WNGE-2 TN 0300 WGBD-2 SC
 Nashville (600) September
 26 Es 1900 KGLO-3 IA 8 MS 0612 WBBM-2 IL
 to KTVB-3 IA(MO) Tr 0615 KDKA-2 PA
 2200 KTIV-4 IA MS 0617 WBAY-2 WI
 29 1700 KGLO-3 IA 0618 WTVB-2 IN
 1900 WTVJ-4 FL 9 Tr 2300 WHP-21 PA
 July to WTPA-27 PA
 1 Tr 2000 WHRO-15 VA 2400 WSBA-43 PA
 2000 WBOG-16 MD 12 0140 KDKA-2 PA
 2000 WCVB-23 VA
 "Borrowing my Father's set paid off!! Totals now 226 stations QSLed, 38 states, 6 provinces."

Hank Holbrook 7211 Chestnut Street Chevy Chase, Maryland 20015 (BDT)

Started TV DXing back in 1954 from Bethesda, MD and was fairly active on VHF...in the 60s after buying our cottage at Fair Haven MD shifted almost entirely to UHF DXing. However, UHF antenna was hit by lightning in 1967 and the old Sony was knocked out...we did not return to any serious TV DX-until June of this year when we purchased our new Sony. The following stations have been logged and reported this summer:

June 13 Tr 2330 WNJT-52 Trenton NJ (140)
 22 Tr 1735 WCPB-28 Salisbury MD (60) August
 23 0010 WTAF-29 Philadelphia (120) 1 Tr 2247 WXTV-41 Patterson NJ (200)
 1235 WMPB-67 Baltimore MD (40) 2242 WSBF-36 Providence RI (335)
 July 0025 WVIR-29 Charlottesville VA
 12 Tr 2214 WNJS-23 Camden NJ (110) 4 1712 WPMI-6 Philadelphia (120)
 13 1741 WNVY-53 Goldvein VA (35) 5 0811 WSNL-67 Patchogue NY (210)
 2151 WNJB-58 New Brunswick NJ (140) 16 2224 WLIN-21 Garden City NY (200)
 Equipment: Sony 115 12" B/W; JFD double bay 22g-A-Log, CDR rotor for UHF, rabbit ears for VHF. 136 stations QSLed, 42 UHF. (At Fair Haven, MD)

Bill Thompson 1907 Seneca Street Buffalo, New York 14210 (EDT)

July					6 Tr	1137 WBAJ-81 Cattaraugus NY R
28 Tr	0627	CFCP-12	Montreal PQ N 290			1159 WBAJ-44 Scranton PA N 190
	0630	COCB-8	Cornwall Ont N 255			1400 WATR-20 Utica NY N 180
	0630	WJCH-13	Ottawa Ont 230			1651 WBO-45 Alliance OH R
	0635	WJTV-3, WJTV-8	Cleveland			+Youngstown OH UHF
31 MS	0305	WCBH-2	MA (NPACT special) T	8		1900 Cleveland U's solid
	0339	WJTV-4	Chapel Hill NC N440			1930 WJCH-24 Toledo OH R
	11	WJTV	Impeachment hearings coverage; only ch 4 in range			1930 WJTV-30 Toledo OH N 240
	0340	WJTV-2	Columbia SC	T		1930 WJTV-9, WJTV-10 excellent
August						2000 WJTV-29 Jarnia Ont N165
12 MS	0531	WCBH-2	New York City R			(first positive ID, thru WJTV)
	0554	WJTV-4	Columbus OH R	9		2050 WJTV-45, Youngstown U's
	0557	WJTV-2	Cnic go II N 470			2000 Toledo, Akron, Detroit, Youngstown, Cleveland U's
13 Tr	0215	WJTV-7	Detroit MI R			2130 WJTV-22 Cottan Ont & CKGN-29 Jarnia noted w/different program from WJTV-6
	0217	WJTV-7	Wheeling WV(Oh) R			Paris & CKGN-22 Uxbridge; CKGN-6 was apparently relaying Uxbridge at this time, complete with 20 kHz JCI from Cottan
	0220	WJTV-7	Watertown NY R			0042 WJTV-25 Sayreaw MI R
	0220	WJTV-10	Altoona PA R			2130 WJTV-53 Pittsburgh N 170
	0540	WJTV-2	Atlanta CA R			2130 WJTV-11, WJTV-13 Pittsburgh
14 Tr	040	WJTV-9	Cadillac MI R			2130 WJTV-3, WJTV-6, WJTV-10
	0040	WJTV-12	Flint MI R			2230 Cleveland, Akron, Utica, Syracuse UHF
MS	0539	WJTV-2	New York City R	10		0030 WJTV-17 Canton OH R
Tr	0609	WJTV-12	Binghamton NY R			0130 WJTV-16 Scranton PA N 190
15 MS	0545	WJTV-4	Washington DC N 285			0150 WJTV-18 Elira NY R
18 Tr	0630	WJTV-4	Columbus OH R			0333 WJTV-48 Philadelphia N270
	0830	WJTV-9	Ottawa Ont(PQ) R			0130 WJTV-21 Harrisburg PA N200
19 MS	0543	WJTV-2	Chicago IL R			0140 WJTV-16, WJTV-18
22 BS	1900	WJTV-3	Tampa FL? T	11		0202 WJTV-8 Lancaster PA N 230
23 Tr	0550	WJTV-12	Binghamton NY R			1830 WJTV-45, Youngstown U's
	0550	WJTV-11	New York NY N 280			1630 UNID-46 briefly; new xlr?
	0550	WJTV-4	New York NY N 280	12		1900 Cleveland U's good
31	New antenna set-up installed					

September

4 GW 1442 WJTV-72 Great Valley NY N

1442 WJTV-80 Springville NY R

6 Tr 1129 WJTV-36 Elira NY N 110 26

1129 WJTV-40 Binghamton NY N 155 27

1129 WJTV-34 Binghamton NY N

After months of procrastination, I finally upgraded antenna system. New set-up consists of 10' South River tripod tower (guyed) on roof, Pince 7' dish @ 52 feet for VHF, Archer V-125 @ 46 feet for VHF, rotated by an Alliance T-45. Naturally, a thrust-bearing bracket is used also. As of mid-October, both Paul Traska and the editor have noted four new WJTV-17 xlters, two of which (146# Fredonia and N26# Jamestown) are supposed to have 1 kw xlters. Don't know what the WJTVs are yet, but 40 puts an almost-snowfree signal into Buffalo via groundwave. Recently had tuner in '67 RCA color set (the family set) rebuilt, but primarily using '72 RCA B/W in the shack. Hope to be adding detent tuner for UHF soon.

David J. Egan 12A Andrew Valleyfield, Quebec J6C 5B2 (EDT)

August					1 Tr	0310 WJTV-4 Boston MA R
30 Tr	1930	CKGN-9	Sherbrooke PQ "was testing with 3/4 Cnt, in confirming reception they informed me I had just tuned in 35 seconds after their initial s/on. They officially began regular programming 9-1. They are CBC French, replacing ZLIT-7 which is now TVA net. CKGN has WRP of 325 kw. Address is 2295 King St. W., Sherbrooke, 2 J1J 2G2"	5		0317 WJTV-30 Hull PA "another new stn, affiliated w/TVA net, billed as world's first co-operative TV station, ran an OC test and by 1:30 a 3/4CB and Ctp were in use, they officially began regular pgm at 1800. Haven't heard from them yet so no idea of address"
September						1529 WJTV-38 Boston MA "weak"
1 Tr	0300	WJTV-5, WJTV-5, UNID-5		7		1800 WJTV-20 St Johnsbury VT
						1830 WJTV-41 Windsor VT "good"
						0559 WJTV-6 Portland ME

CENTRAL TV DX

William J. Draeb
Ellis St., R.R.#2
Kewaunee, WI.
54216

Deadline: 12th

Not much Dx lately around this part of the country; weather has taken it's toll on tropes and it looks like Es has come to an end also. Here are the reports for this month-----

Ron Le Blanc : 2524 Arizona Dr., Marrero, La. 70072 CDT

5-27 Es	1245 YSR-2 El.	3332(1132)	6-13 Es	2100 CBLT-5 On.	(1125)4333
	1327 TGV-3 Ga.	3233(1102)		2218 WHAY-2 Wl.	4332(1006)
	2013 XHFI-5 Ch.	3323(998)N		2228 KUSD-2 S.D.	3222(969)
	2200 KTVK-3 Az.	3232(1317)	6-20 Es	1637 KWGN-2 Co.	3232(1000)
5-29 Es	1828 KNME-5 N.M.	3233(1035)		1712 WCBD-2 S.C.	3332(640)
	1829 KWGN-2 Co.	4332(1000)		1720 WWAY-3 N.C.	4333(780)
	1849 KOAA-5 Co.	4443(")		1816 WJAR-3 Va.	2322(945)
	2023 KACB-3 Tx.	3232(630)N		1828 WMAR-2 Md.	4232(1006)
	2025 XHFI-5 Ch.	3322(998)		1829 KYW-3 Pa.	3132(1098)
5-30 Es	1856 YSR-2 El.	3332(1132)		1837 KNOP-2 Ne.	2022(983)
	1933 KWGN-2 Co.	3332(1000)		1859 WYBW-5 N.Y.	3122(1174)N
	2210 WMAR-2 Md.	3132(1006)		WJHK-2 Mi.	4232(945)
	2311 WJHK-2 Mi.	3122(945)		2128 KLINE-3 Ne.	3232(922)
6-1 Es	1900 KDAL-3 Ma.	3133(1169)		2136 KTVS-3 Co.	4332(1025)
	1901 CKCO-2 On.	2332(1125)		2203 KOAA-5 Co.	4334(1000)
	WJHK-2 Mi.	3232(945)	6-15 Es	1000	Lots of unids.
6-2 Es	0955 WPSX-3 Pa.	4332(1007)		1731 CBFT-2 P.Q.	3333(1395)
	0958 KYW-3 Pa.	4332(1098)		1900 KWGN-2 Co.	3332(1000)
	0959 WMAR-2 Md.	3132(1006)	6-16 Es	1359	" " 5332
	1059 WGR-2 N.Y.	2332(1098)	6-18 Es	1645	WMT-2 Ia. 4333(841)
	1130 KTVS-3 Co.	3032(1025)		1825 CKCO-2 On.	3332(1125)
	1158 KNOP-2 Ne.	3132(983)		2159 WJMN-3 Mi.	3322(1102)
	1159 KOTA-3 S.D.	3032(1226)		2228 KUSD-2 S.D.	3222(969)
	1827 CBFT-2 P.Q.	3033(1395)		If you've haven't noticed by now,	
6-4 Es	0658 ICR6-3 Cuba	3332(840)N	6-20 Es	out of sequence; I goofed--wd	
	0659 WPTV-5 Fl.	3332(666)	6-21 Es	1658	KYW-3 Pa. 3332(1098)
	0800 XEW-2 D.F.	3032(917)		1659	WUND-2 N.C. 4332(900)
	0824 KCKT-2 Ks.	3332(770)		1720	WRAL-5 N.C. 3322(810)N
	0929 ICR2-5 Cuba	2033(840)N		1723	WHEN-5 N.Y. 4332(1190)
	0940	Tels Rebelde-3 Cuba;		1828	WTTG-5 D.C. 4232(969)N
	Hoiguin,	4333(1075)		1929	WWAY-3 N.C. 3232(780)
	1450	YNIC-2 Nj. 4332(1270)		2151	XEPM-2 Ch. 3132(995)N
	1458	HnTG-5 Ho. (1125)4544		2201	XEJ-5 Ch. 4433(995)N
	1521	TGV-3 Ga. 4333(1102)		2204	XHJMA-3 Ch. 4433(990)N
6-5 Es	1805	WBAY-2 Wl. 3232(1006)		2325	KTVS-3 Co. 3232(1025)
	2130	WFSB-3 Ct. 2032(1260)		2340	KYCU-5 Wy. 2332(1140)
6-6 Es	1640	WISC-3 Wl. 3133(920)	6-22 Es	KSTP-5	0829 Mn. 4443(1052)
	1655	WBAY-2 Wl. 4332(1006)		0859	WFRV-5 Wl. 4443(1006)
	1759	WJMN-3 Mi. 3133(1102)		1029	WOI-5 Ia. 2322(854)
	1828	KOAA-5 Co. 4233(1000)		1230	KUSD-2 S.D. 3232(969)
	1927	KDAI-2 Az. 2022(1310)		1730	KTVS-3 Co. 4433(1025)
	1959	KCKT-2 Ks. 3332(770)		1731	KCKT-2 Ks. 4443(770)
6-7 Es	1815	WGR-2 N.Y. 4555(1098)		1759	KWGN-2 Co. 5443(1000)
	2029	WJHK-2 Mi. 3132(945)		1845	KTWO-2 Wy. 3332(1280)
	2129	KTWO-2 Wy. 2032(1280)	6-25 Es	1832	WMT-2 Ia. 4443(841)
6-8 Es	1200	WJMN-3 3032 Mi. (1102)		2013	KWGN-2 Co. 3232(1000)
	1930	KYW-3 Pa. 3032(1098)		1859	CKCO-2 On. 4332(1125)
	1931	CKCO-2 On. 2132(1125)	6-26 Es	1640	Unided Spanish on chs.2&3
	2306	KLINE-3 Ne. 3232(922)	6-28 Es	1700	KDKA-2 Pa. 3332(930)
	2312	KCKT-2 Ne. 4232(770)		1720	CKGN-2 On. 4333(1225)N
6-9 Es	0102	KMTV-3 Ne. 3233(854)		2000	KYW-3 Pa. 3232(1098)
	1159	WGR-2 N.Y. 3233(1098)	6-29 Es	0751	WPSX-3 Pa. 3333(1007)
6-12 Es	1831	WCBD-2 S.C. 4332(640)		0845	ICR6-2 Cuba 3222(1120)
6-13 Es	2047	KDKA-2 Pa. 3132(930)		0855	ICR6-3 Cuba 3132(840)
	2051	WPSX-3 Pa. 3332(1007)		0929	KCKT-2 Ks. 4433(770)
	2053	WJAR-3 Va. 4332(945)		1359	KWGN-2 Co. 4433(1000)
	2058	WGR-2 N.Y. 3222(1098)		1430	KTVS-3 Co. 3333(1025)

Le Blanc, continued---

6-29 Es	2132	WBEM-2	Il.	3132(838)	7-12 Es	1731	CKCO-2	On.	3232(1125)
	2133	WISC-3	Wi.	3232(920)		1826	WMT-2	Ia.	4332(841)
	2136	WMAR-2	Md.	3332(1006)		1829	KTCA-2	Mn.	3332(1052)
	2159	KOAI-2	Az.	2432(1310)		1830	WUND-2	N.C.	3232(900)
6-30 Es	0900	Cuba	on chs.	2,3&5.		1859	KUSD-2	S.D.	3332(969)
	1800	WCBS-2	N.Y.	3232(1174)			WJMN-3	Mi.	3132(1102)
7-1 Es	1728	WJBK-2	Mi.	4553(945)	7-14 Es	2052	KWGN-2	Co.	3232(1000)
	1930	KDKA-2	Pa.	3332(930)	7-17 Es	1853	KOTA-3	S.D.	3332(1226)
	2140	KTWO-2	Wy.	2332(1280)	7-20 Es	1228	KWGN-2	Co.	3333(1000)
	2206	WMT-2	Ia.	4433(841)		1558	XEW-2	D.F.	4332(917)
7-2 Es	1713	KTVK-3	Az.	3232(1317)	7-21 Es	0139	WBAY-2	Wi.	3234(1006)
	1800	KPHD-5	Az.	3333(")		1216	KTCA-2	Mn.	4232(1052)
	2224	KWGN-2	Co.	3132(1000)	7-22 Es	1655	WJBK-2	Mi.	3232(945)
	2302	KNOP-2	Ne.	4232(983)		1656	CKCO-2	On.	3132(1125)
	2330	KLINE-3	Ne.	3132(922)		1754	WMAQ-5	Il.	4333(838)
	2336	KMTV-3	Ne.	3233(854)		1758	WFRV-5	Wi.	3232(1006)
7-3 Es	1700	KUSD-2	S.D.	3232(969)		1801	WBAY-2	Wi.	4332(")
	1927	KWGN-2	Co.	3322(1000)		1827	WISC-3	Wi.	3232(920)
7-4 Es	0844	WBAY-2	Wi.	2132(1006)	7-24 Es	1700	KUSD-2	S.D.	4444(969)
	0859	KDAL-3	Mn.	2033(1169)		1728	KTVS-3	Co.	3133(1025)
	0927	CKCO-2	On.	4333(1125)		1842	KNME-5	N.M.	3133(1035)
	0930	WJBK-2	Mi.	3232(945)		1901	KWGN-2	Co.	3232(1000)
	1000	WGR-2	N.Y.	3332(1098)		1928	KYCU-5	Wy.	3133(1140)
	1030	WKYC-3	Oh.	3333(922)	7-25 Es	1710	KMTV-3	Ne.	3132(854)
	1100	KDKA-2	Pa.	3132(930)		1758	KUSD-2	S.D.	3232(969)
	1150	KPHD-5	Az.	3232(1317)	7-27	0300	Left	for convention.	
	1300	KLINE-3	Ne.	3333(922)	8-12	0110	Returned	from convention.	
7-6 Es	1945	WGBH-2	Ma.	3032(1372)	Es	1100	WBAY-2	Wi.	4433(1006)
7-7 Es	1730	WCBS-2	N.Y.	3332(1174)		1115	CKCO-2	On.	3333(1125)
	1731	KYW-3	Pa.	3132(1098)	8-14 Es	1945	XEW-2	D.F.	4433(917)
7-9 Es	1802	KWGN-2	Co.	2032(1000)	8-16 Es	1657	WBAY-2	Wi.	3332(1006)
7-10 Es	2000	KTVS-3	Co.	3232(1025)		1758	WGR-2	N.Y.	3332(1098)
	2001	KWGN-2	Co.	3132(1000)	8-21 Es	2240	XEW-2	D.F.	4333(917)
	2001	KNOP-2	Ne.	3022(983)	8-22 Es	1725	WKYC-3	Oh.	4232(922)
7-11 Es	1804	WBAY-2	Wi.	4433(1006)		1759	WNEM-5	Mi.	4333(1000)N
	1806	WISC-3	Wi.	4433(920)		1859	WPXS-3	Pa.	3222(1007)
	2203	KQTV-2	Mo.	4332(741)			WHEN-5	N.Y.	3133(1190)
7-12 Es	1730	WAVE-3	Ky.	3132(635)N		2020	XEPM-2	Ch.	3232(995)
						2021	XEJ-5	Ch.	4333(995)

Log now at 321 stations, 35 states +D.C., 8 countries.

Mike Brewer: 26630 Mill Rd., Frazersburg(Knox Co.), Oh. 43822 EDT

"This is my first report. My equipment includes a 7 ft. Lafayette dish and a Heath detent tuner."

8-11 Ms	0557	KTWO-2	Casper, Wy.	8-16 Tr	0257	WMAL-7	Washington, D.C.
8-12 Es	0133	KPRC-2	Houston, Tx.		0255	WCAU-10	Philadelphia
	0139	KTLB-3	Shreveport, La.		0303	CHCH-11	Hamilton, Ont.
8-13 Tr	0237	WJHL-11	Johnson City, Tn.	Es	1759	KPDJ-3	Wich. Falls, Tx.
	2230	WEGU-57	Bowling Green, Oh.	8-18 Tr	2330	WLYH-15	Lebanon, Pa.
	0248	WSPA-7	Spartanburg, S.C.	8-22 Es	1824	WERZ-2	Baton Rouge, La.
	2300	W41AA(WWVU-24)	Wheeling, W.Va.		1828	KATC-3	Lafayette, La.
	2317	WSET-22	South Bend, In.		1901	KPAC-4	Port Arthur, Tx.
	2339	WNU-16	" " "	8-25 Tr	2300	WKHA-35	Hazard, Ky.
	2347	WANE-15	Ft. Wayne, In.		2400	WFNE-38	Gr. Bay(410)
		WPTA-21	" " "	8-26 Tr	0052	WWTU-9	Cadillac, Mi.
	2349	WKUG-33	" " "		0104	WKZO-3	Kalamazoo, Mi.
	2359	WOET-16	Dayton, Oh.		0108	WWUP-10	The Soc(440)
	2400	WKEF-22	" " "	8-30 Tr	2312	W41AA(on WTRF tower)	
8-15 Tr	0046	WENY-36	Elmira, N.Y.		2357	WHAG-25	Hagerstown, Md.
8-16 Tr	0208	WBAL-11	Baltimore, Md.	8-31 Tr	0332	WTTG-5	Washington, D.C.
	0215	WJZ-13	" " "				

Thanks for the report Mike, hope to hear from you again soon.--wd

Marvin Shults: R.R.#2, Toulon, Il. 61483 CDT

8-9 Es 1659 WPBT-2 Fl. 3333 Miami
1700 WEDU-3 Fl. 2232 Tampa

8-11 Tr 0630 WTVW-7 Evansville, In.
0640 KAUS-6 Austin, Mn.
Es 1900 WLEZ-2 Ms. 4243 Bangor
1930 KTVQ-2 Mt. 5454 Billings

8-12 Ms 0412 WCBG-2 N.Y., N.Y. (first time via Ms)
0417 WCBG-2 & unided color bars
Tr 0425 WKZO-3 Kalamazoo, Mi.
Ms 0427 KYW-3 Philadelphia, Pa. (first time via Ms)
Tr 0437 KCMO-5 Kansas City, Mo.
0446 WHIO-7 Dayton, Oh.
Ms 0457 KYW-3 Philadelphia, Pa.
Tr 0520 WOTV-8 Grand Rapids, Mi.
0544 WBSH-25 Evansville, In.
0600 WBNT-19 Huntsville, Al.
0617 WHAS-11 Louisville, Ky.
0645 KFVS-12 Cape Girardeau, Mo.

8-13 Ms 0413, 0417, 0426, 0436, 0456, KYW-3 Philadelphia, Pa.
0442 super bursts on ch. 3; no id's.
0432 color bars on ch. 4
0436 WCAK-3 Burlington, Vt.

8-14 Ms 0444 WCBG-2 New York, N.Y.
0447 Unided tp; WS--
0450 WSYR-3 Syracuse, N.Y. (first time via Ms)

8-14 Ms 0455 KYW-3 Philadelphia, Pa.
0505 WSYR-3 Syracuse, N.Y.
Tr 0515 WHIO-7 Dayton, Oh.
0516 WCPO-9 Cincinnati, O.
0545 WJIM-6 Lansing, Mi. T

8-19 Tr 0725 KTVV-3 Mo. 5534N
0729 KMTC-27 Mo. 4544
0730 KCMO-5 Mo. 3332
KBMA-41 Mo. 2435
0740 KMBC-9 Mo. 3433
0745 KOLR-10 Mo. 4332 T
0800 KQTV-2 Mo. 1031
0828 KOLR-10 Mo. 1211N
1159 KUHI-16 Mo., Joplin
1200 KODE-12 Joplin, Mo.
KRCC-13 Jeff. City, Mo.

8-21 Tr 2230 WMSH-46 S.Bend, In.

8-22 Es 1730 WPBT-2 Miami, Fl.
1800 WDIQ-2 Dozier, Al.
WFTV-5 Palm Beach, Fl.
WEDU-3 Tampa, Fla. T
1815 WESH-2 Daytona, Fl.
1825 WTVJ-4 Miami, Fl.
1830 WEDU-3 Tampa, Fl.

8-25 Tr 1045 KOLR-10 Springfield, Mo.
1130 WAEO-12 Rhinelander, Wi.
1200 WEAU-13 Eau Claire, Wi.
WAOW-9 Wausau, Wi.

"On Aug. 11 I was trying for KDSU-FM on 91.7 between 0700 and 0800 via Perseids Meteor Shower. I was unsuccessful partly because WBEZ-FM, 91.5 Chicago, was very strong and with WJRE-FM 92.1 covering the rest of the dial between 91.5 and 92.1. Need a more selective FM radio. This was my first successful meteor shower (Perseids) resulting in 3 stations. I first seriously tried Ms chasing with the Quadrantids during Jan. 1-4 (that's a good shower--wd) unsuccessful then. Five new stations bring log to 293."

Frank Wheeler: 6589 Wattsburg Road, Erie, Pa. 16509 EDT

Dying equipment: 1968 21" Zenith Color TV; CL4X VHF, Catswhisker UHF ants.

8-2 Es 1800 WESH-2 Daytona Beach, Fl. (902)
8-9 Es 1803 KNOP-2 N. Platte, Ne. (1066)
1328 KQTV-2 St. Joe, Mo. (779)
8-12 Es 1034 KETS-2 Little Rock, Ar. (825)
1100 KRTX-3 Bryan, Tx. (1199)
1101 KTSB-3 Shreveport, La. (1005)

8-16 Tr 0628 WJRT-12 Flint, Mi. (195)
0658 WILX-10 Onondaga, Mi. (236)

8-22 Es 1905 KATC-3 Lafayette, La. (1056)
1925 KJAC-4 Port Arthur, Tx. (1124)
1928 WBRZ-2 Baton Rouge, La. (1020)

8-31 Es 2000 WBRZ-2 " " " "

"---Dx is dying out. Last year I moved my set into another room and don't seem to have much luck with tropo, since then. Of course I only have a little catswhisker UHF antenna I bought from Bob Seybold years ago. Last year at the convention he was going to sell me a 10 lay one but never got around to it." (Did you ever think of investing in a 7' dish for UHF?--wd)

Jim Gould: R.R.#3, Kokomo, In. 46901 CDT

8-8 Tr 2100 KDIN-11 Ia. 3222R (390)
8-9 Es 1730 chs. 2&3 Spanish; SBE
1815 unided-3; Spanish live
or video tape play of revolution times. (Cuba)

8-9 Es 1830 Cuba-3; second Spanish station on ch. 3 carried "XIV" call after "DEPORT TV" call slide
The "XIV" may not have been the call. Shouldn't be Mexico; ant. SE.

Gould; continued---

8-9 Es 1900 unided with "NTV" slide.
 8-12 Tr 2200 WRET-36 N.C. 1233N(473)
 2245 WTVK-26 Tn. 5545(346)

8-13 Tr 2250 WLOS-13 N.C. 5541(400)
 0510 WXII-12 N.C. 3425(440)
 0515 WDEF-12 Tn. 3434(390)
 0520 WBIR-10 Tn. 5544(345)

WATE-6 Tn. 5543(345)
 0558 WENT-19 AL. 3434(408)
 0623 WKPT-19 Tn. -----(346)

8-15 Tr 0730 Signals to E., Pitts-
 burgh, Clarksburg; 20Kc on
 WJSV-28 to E; 2135, 20Kc on
 Jhs. 45 & 50 to E & ESE.
 2155 WPTA-21 Pa. 2335N(320)

8-17 Tr 1000 WMTV-15 (seen daily)
 1005 KVFD-21 Ia. Tent.
 (WPTA-21 off the air)

8-18 Tr 0625 WJLB-28 Pa. 2025N(336)

8-19 Tr 0425 KMOB-5 Mo. 4545(456)
 0700 KTSB-27 Ks. 3542(510)
 KEMA-41 Mo. 4545(456)
 2000 KDIN-11 Ia. 4432(390)
 2230 WHO-13 (over local)
 2330 KTSB-27 Ks. 3534(510)

8-20 Tr 0730 KMTC-27 Mo. 3443(445)
 0830 WUTV-29 N.Y. 5555(404)
 2200 KRQC-10 Mn. 5533(396)

8-22 Es 1730 WEDU-3 Fl. 4310(925)

"Found error in station totals. I
 have 6 less on UHF than previously
 indicated. Corrected totals of 429 stations instead of the 435 shown."

Marvin Smalts; R.R.#2, Toulon, Ill. 61483 CDT

9-8 Tr 0155 WTTV-4 In. 3344N

9-24 Tr 0829 WLKY-32 Ky. 2335

0830 WUSI-16 Il. 2335

WKMA-35 Ky. 2335

0855 KCBJ-17 Mo. 3332

0859 KMTC-27 Mo. 2333

0951 WHAS-11 Ky. 2231

"There was not too much activity during the reporting period. (you can say
 that again!!--wd) I finally received WTTV-4 which completes reception of
 all Indianapolis-Bloomington stations. I have a question for anyone in
 the 125-200 mile range of Chicago. Has anyone tried receiving WLS-7 using
 a vertically polarized antenna? (not me--wd) This is an experiment I must
 try in the immediate future."

Donald B. Ruland; 4448 68th Place, Kenosha, Wi. 53140 CDT

9-9 Tr 1945 WKBF-61 Cleveland, O. (330)

9-11 Tr 0525 WHAS-11 Louisville, Ky. (330)

0645 WLKY-32 " " "

WXIX-19 Cincinnati, O. (300)

0650 WKYT-27 Lexington, Ky. (360)

9-17 Tr 0530 WENS-10 Columbus, O. (320)

9-18 Tr 0630 WXIX-19 Cincinnati, O. (300)

1930 WUAB-43 Lorain, O. (310)

WKBF-61 Cleveland, O. (330)

WENS-10 Columbus, O. (320)

9-19 Tr 0530 WHAS-11 Louisville, Ky. (330)

9-23 Tr 0530 WHAS-11 Louisville, Ky. (330)

0630 KFVS-12 Cape Girardeau, Mo. (370)

8-22 Es 1730 Ch. 3; call slide with
 "XII" large letters; "Colombio" under.

8-23 Tr 2120 KTSB-27 Ks. 4523(510)

2230 KHNE-29 Ne. 1324N(642)

2100 KYNE-26 Ne. Tent.

2245 Des Moines V's (390)

2320 KEYC-12 Mn. 5532(463)

8-24 Tr 0010 KMEG-14 Ia. 5535(540)

0040 WOI-5 Ia. 5531(410)

0056 WTCN-11 Mn. 4544(480)

0100 KELO-11 S.D. 4544(575)

0135 KSFY-13 S.D. 5541(")

0140 KMBC-9 Ks.-Mo. 4544(458)

0200 WOW-6 Ne. 3433(515)

0215 Unided-12 West 1145

0615 Solid signals from St.

Paul to Kansas City.

0650 KVFD-21 Ia. 5030(435)

0655 KOLN-10 Ne. 5541(552)

0658 WEAU-13 WI. 5541(400)

0745 KHNE-29 Ne. 3525(642)

0750 WHWC-28 WI. Tent.

0800 KTUU-11 Ks. 3231N(510)

2000 KMEG-14 Ia. 4544(540)

8-25 Tr 0155 WABO-12 WI. 4543(385)

0710 KSTP-5 Mn. 4040N(480)

2145 WWUP-10 MI. 4554(422)

8-26 Tr 0450 CFTO-9 On. 4534(405)

0510 WHEC-10 N.Y. 3443(477)

8-29 Tr 1830 KOED-11 Ok. 4543(613)

KMTC-27 Mo. 3524(445)

1800 KOED-12 Mo. 3421(615)

1930 KFUL-8 Ok. 4542N(613)

2000 WSIU-8 Il. 0330N(235)

Log now at 294.

(WMBD-31 on low power in-

stalling new xmtr & ant.)

9-26 Tr 0800 KMEG-14 Ia. 2254

2300 WLKY-32 Ky. 2233

9-27 Tr 0729 KMEG-14 Ia. 3455

0730 KUON-12 Ne. 3454

0759 WHLA-31 WI. 3443

(WMBD-31 on low power in-

stalling new xmtr & ant.)

Log now at 294.

9-9 Tr 1945 WKBF-61 Cleveland, O. (330)

9-11 Tr 0525 WHAS-11 Louisville, Ky. (330)

0645 WLKY-32 " " "

WXIX-19 Cincinnati, O. (300)

0650 WKYT-27 Lexington, Ky. (360)

9-17 Tr 0530 WENS-10 Columbus, O. (320)

9-18 Tr 0630 WXIX-19 Cincinnati, O. (300)

1930 WUAB-43 Lorain, O. (310)

WKBF-61 Cleveland, O. (330)

WENS-10 Columbus, O. (320)

9-19 Tr 0530 WHAS-11 Louisville, Ky. (330)

9-23 Tr 0530 WHAS-11 Louisville, Ky. (330)

0630 KFVS-12 Cape Girardeau, Mo. (370)

9-23 Tr 0700 WFIE-14 In. (320)

WKZT-23 Ky. (370)

WKSO-29 Ky. (420)

WKMA-35 Ky. (360)

0730 WLWX-18 Ky. (360)

WKGB-53 Ky. (400)

9-26 Tr 0530 WENS-10 Oh. (320)

WHAS-11 Ky. (330)

0630 WOSU-34 Oh. (320)

WPHO-42 Oh. (370)

WXIX-19 Oh. (300)

0655 WLKY-32 Ky. (330)

WKON-52 Ky. (330)

Ruland; continued---

"September of 1974 proved to be worst September for tropo in four years of dxing in this area. Looking for recurrence of annual(?) late October super tropo opening. (I hope you're right--wd). Log now at 366; one new."

Paul E. Petosky; 712 Brook St., Munising, Mi. 49862 EDT 906-387-4712

9-8 Tr 2230 WSAU-7 Wausau, Wi.(170)	9-26 Tr 0010 WGN-9 Chicago, Il(315)
WAOW-9 " " "	0015 WISN-12 Milw., Wi(235)
WGTU-29 Tr. City, Mi.(135)	0020 WTTW-11 Chic., Il(315)
WPNE-38 Gr. Bay, Wi.(145)	(52 degrees outside)
9-10 Tr 1930 WVTU-18 Milwaukee, Wi.(235)	0030 WLS-7 Chicago, Il(315)
WPNE-38 Gr. Bay, Wi.(145)	0100 WBBQ-13 Memphis(800)
2300 WGTU-29 Tr. City, Mi.(135)	1930 WPNE-38 Gr. Bay, Wi.(145)
9-15 Au 2230 chs.2-6 unided; North	Au 1930 unideds chs.2-6; N.
Tr 2200 WPNE-38 Gr. Bay, Wi.(145)	Tr 2000 WVTU-18 Mil., Wi.(235)
9-17 Tr 2235 WGTU-29 Tr. City, Mi.(135)	WGTU-29 Tr. City, Mi.(135)
2330 WOTV-8 Gr. Rapids, Mi.(240)	2030 WSNs-44 Chicago(315)
2335 WPNE-38 Gr. Bay, Wi.(145)	WFLD-32 " "
9-19 Tr 2030 " " "	2230 WCIU-26 " "
9-21 1600 First snowfall. (We had our	WMVT-36 Milwaukee(235)
first snow on 10-1--wd)	(52 degrees outside)
9-23 Tr 1930 WPNE-38 Gr. Bay, Wi.(145)	9-27 Tr 0030 CBLAT-1-8 Manitowadge
9-24 Tr 2000 " " "	(199)
9-25 Tr 2245 " " "	CBLAT-3-9 Wawa(140)
WFLD-32 Chicago, Il.(315)	CBLAT-4-11 Marathon(160)
WGTU-29 Tr. City, Mi.(135)	2200 WGTU-29 Tr. City(135)
Au 2300 chs. 2-6 unided; North	2230 WPNE-38 Gr. Bay(145)
Tr 2305 WSNs-44 Chicago, Il.(315)	10-3 Tr 1945 " " "
2330 WVTU-18 Milwaukee, Wi.(235)	2200 WVTU-18 Milwaukee(235)
	10-3 Tr 2220 WGTU-29 Tr. City(135)
	10-4 Tr 2130 WPNE-38 Gr. Bay(145)

Paul also sent along a copy of a verification which he received from KNOE-8, Monroe, La. Paul saw them via Es this past summer.

Jim Gould; R.R.#3, Kokomo, Ind. 46901 CDT 317-452-9585

9-4 Tr 2100 KOLR-10 Mo. 0320R(445)	9-16 Tr 2200 WKGB-53 Ky. 3545N(250)
9-5 Tr 0520 WLOS-13 N.C. 2132R(400)	2230 WFIQ-36 Al. 3535R(405)
2000 KOLR-10 Mo. 3321R(445)	9-17 Tr 2230 KOLR-10 Mo. thru WTHI
9-6 Tr 1920 " " 3331R(445)	2358 KWTU-9 Ok. 2-23Tent.
9-9 Tr 2250 KMEG-14 Ia. 3323R(540)	9-18 Tr 2200 WWVU-24 W. Va. 2212N(332)
9-13 Tr 2000 KOLR-10 Mo. 3331R(445)	9-19 Tr 0530 WTAJ-10 Pa. 3533R(403)
WDXR-29 Ky. 3534R(280)	WBRE-28 Pa. 5525R(534)
2030 KMTC-27 Mo. 2324R(445)	0552 WVIA-44 Pa. 4545N(534)
9-14 Tr 1500 KOLR-10 Mo. 3311R(445)	0554 WICZ-40 N.Y. 3525N(537)
1530 WKNO-10 Tn. 3412N(433)	0600 WNEP-16 Pa. 5545N(545)
1600 KTHV-11 Ar. 4534R(528)	0630 unided ch.29; "Green
1800 WBIR-10 Tn. 5544R(345)	Acres" from 0630-0700 followed by
1810 WLOS-13 N.C. (over local)	"Gilligan's Island". No I.D. at 0700.
1845 WDEF-12 Tn. 3433R(385)	9-23 Tr 2312 KOLR-10 Mo. thru WTHI-10
1900 KATV-7 Ar. 4533R(528)	9-24 Tr 0517 KSLA-12 La. 3532R(705)
2000 WMSL-48 Al. 3534N(410)	9-26 Tr 0645 KTSB-27 Ks. 2224T(510)
WTVU-9 Tn. 4524R(385)	0700 KEMA-41 Mo. 3525R(458)
2130 WHNT-19 Al. 4544R(410)	2000 WSVN-47 Va. 4545R(317)
2230 WFIQ-36 Al. 1325N(405)	2100 WBRE-28 Pa. 3421R(534)
2300 WBNG-42 Al. 3525N(490)	2252 WBFF-45 Md. 2445N(508)
9-15 Tr 0005 WTVU-9 Ms. 5543N(464)	2341 WKBS-48 Pa. 1335N(590)
0500 WXIA-11 Ga. 2335R(487)	(WKBS has their xmtr in Pa.--wd)
0530 WBRC-6 Al. 4525R(490)	9-27 Tr 0021 WDCA-20 D.C. 5523N(492)
0550 WAPI-13 Al. 4534R(490)	0037 WSEA-43 Pa. thru WUAB-43
0600 WAAZ-31 Al. 3535R(410)	0050 WDAU-22 Pa. 3535N(545)
0715 WHTV-24 Ms. 2122N(590)	0115 WSLS-10 Va. 5555R(405)
"Good opening! Should have produced	0130 KCBJ-17 Mo. 5533N(348)
1000 mi. tropo from Oklahoma, to	0142 WAVY-10 Va. 4545N(584)
West Virginia, Virginia & North	0207 WJZ-13 Md. 3545R(508)
Carolina." (not much here--wd)	0218 WCAU-10 Pa. 3524N(573)
Au 2215 chs.2-13; visible dis-	0555 KMBC-9 Mo. 3030R(458)
play.	

CENTRAL TV-DX

Nov. 1974

Could; continued---

9-27 Tr 0557 KTVH-12 Ks. 352-(650)R
 0558 WLYH-15 Pa. 342-N(512)
 0600 Scranton-Wilkes Barre U's
 0617 KGIN-11 Ne. 3531R(637)
 0622 WIBW-13 Ks. 5040R(510)
 0627 KOLN-10 Ne. 4542R(552)
 0632 KEMA-41 Mo. 4545R(458)
 0645 WLVT-39 Pa. 2325N(555)
 0800 unided-31 to East 1214
 0810 KMEG-14 Ia. 5534R(540)
 9-30 Tr 0230 WCYB-5 Va. 3-45R(346)
 1930 KOLR-10 Mo. 3020R(445)
 10-4 Tr 0520 WSLs-10 Va. 4522R(405)

10-4 Tr 0637 WMAV-18 Ms. 3444N(472)
 10-5 Tr 0610 WAAY-31 Al. 1225R(410)
 10-6 Tr 0037 KMTC-27 Mo. 5544R(445)
 0046 KOMU-8 Mo. 3533R(350)
 "Excellent local conditions to 200
 mi.; good to 300 mi. NE; thru S to
 SW".

Tr 0150 KYTV-3 Mo. 4543N(445)
 2130 KOLR-10 Mo. 5512R(445)
 KMTC-27 Mo. 4524R(445)
 2203 KOED-11 Ok. 2321R(613)
 2245 KODE-12 Mo. 1322R(515)

10-7 Es 2005 unideds on chs. 2&3 West.
 Log now at: 452

William J. Draeb; Ellis St. R.R.#2, Kewaunee, Wi. 54216 CDT 414-388-2350

9-15 Tr 0712 CKNC-1-7 Elliot Lake(270)
 9-18 Tr 1937 WUTV-29 Buffalo(445)
 2010 Cleveland U's(355)
 9-20 Ms 0554 WKTV-2 Utica(620)
 9-27 Tr 0727 Youngstown U's(420)
 WNEO-45 Alliance(406)
 WOSU-34 Columbus(395)
 WVIZ-25 Cleveland(355)
 0738 WWVU-24 Morgantown(513)
 0746 WJET-24 Erie(405)
 0813 WQEX-16 Pittsburgh(480)
 WPGH-53 " "

9-27 Tr 0816 WUAB-43 Cleveland(355)
 2005 KMTC-27 Springfield(589)
 KCBJ-17 Columbia T
 9-29 Ms 0936 French-3; ant. E.
 10-11 2302 WFRV-5 left air(WJMN-3
 running tp). Still off at
 2345 when I went to bed.
 10-13 As 0330 unideds on chs. 3 & 4;
 both gone by 0345; ant. NNW.
 Es 1800 CFAC-2 Calgary T
 CFCN-4 " "
 1814 KRTV-3 Great Falls T
 Log now at: 582

Not much DX this past month in the way of tropes. Hope things pick up soon. Last night I had my TV apart checking the tubes and replacing any weak ones. I'm getting ready for the Orionids Meteor Shower and some of those other ones that take place this time of the year. I saw a couple of bursts on channel 8 this morning(18th) but not any i.d.'s.

Guess that's all for this month; 73's and good DX.

Bill

EASTERN TV-DX

November 1974

David J. Egan (continued)

September

7 Tr 0610 WMUR-9 Manchester NH R
 MS 0612 WLWD-2 Dayton OH R0650
 0639 WSB-2 Atlanta GA R0965
 10 Tr 2245 WHEC-10 Rochester NY R
 2250 GLOBAL 22 hvy CCI WBZF-22
 11 0147 WMUR-9 Manchester NH
 13 0200 WABI-5 Bangor ME T
 "in & out w/CBS Movie, not en-
 ough info to count...need it
 badly"

"The aurora experienced 9-16 was the strongest I have seen in a couple of years. WVTN-22 Burlington VT changed call letters to WBZF in early September. Log total stands at 217 with 206 confirmations. Expecting October skip and trope openings as every year...until next report 73."

Ken Simon 528 Pilgrim Road West Palm Beach, FL 33405 305/585-7415 (RDT)

September

2 Tr 0500 WJXT-4 Jacksonville R0255
 7 Es 1100 YVVA-2 Caracas VENEZUELA
 9 Tr 2200 WUSF-16, WBBH-20, WEVU-26,
 WTVX-34, WTOG-44
 18 Es? 2041, 2100 unIDs 2,3

"September has been one of the worst DX months in a long time..."

16 Au 0255 "Exceptional audio & vid-
 eo constant, unstable video
 which almost straightened when
 fine tuning was tuned out on
 ch 2 & 4. Peak reached 0300,
 video ch 2 & 4, CCI strong
 THRU ch 13"
 0300 unID-2 "with B/W reso-
 lution tp, 1000 cps tone, to NE
 via aurora"
 0310 "Au. fading rapidly allchs"

21 Tr 0800 WBBH-20, WEVU-26, WTOG-44 FL
 25 0710 WBBH-20, 0735 WTOG-44
 26 0730 WTVX-34 Ft Pierce FL R
 28 2300 WEVU-26 Naples FL 4555R
 29 2030 WLCY-10 Largo FL "vy weak"
 30 2058 W69AA-69 Hollywood FL R0045

NORTHERN



FM DX

Edward Barboni
50 S. Montgomery Ave.
Norristown, PA 19401
DEADLINE THE 10TH

***** Support WTFDA, Send in your Reports.*****

Note: To all FM-NORTH reporters. Before sending your report in, make sure that you have all of the necessary information listed. Such as Station Frequency, City, State, Etc. Because it takes much time to look up these things. Another item, before the deadline, try to get your reports ready ahead of time so that they will reach me before the deadline if you want your report included in that month's column. Thanks to all reporters for this month and welcome to the new reporters. Keep those reports coming in.

'73 Ed.

Robert Seybold - Bennett Rd. - Dunkirk, NY. (EDT) 6/15-7/1

DX:
6/15 0900 KNCT 91.3 Killeen, TX 6/15 1200 KNED 101.3 McAlester OK
Es WMEZ 94.1 Pensacola, FL Es KKMA 104.5 Pryor, OK
KAFM 92.5 Dallas TX KSMI 104.9 Donaldsonville LA
KGAF 94.5 Hainesville TX to KSUC 88.3 Keene, TX
WFAA 97.9 Dallas TX KREB 106.1 Monroe LA
KFWD 102.1 Ft.Worth TX 1500 KWDL 98.1 Kansas City
KVIL 103.7 Dallas TX plus many other FL, TX & LA stns.
KDNT 106.1 Denton TX near 100 stns heard in 6 straight
to KWTX 97.5 Waco TX hours.
KRLY 93.7 Houston, TX 6/22 KWKY 93.7 Winner, SD.
WUSF 89.7 Tampa, FL Es KESD 88.3 Brookings, SD.
WVFM 94.1 Lakeland FL KIJV 92.1 Huron, SD.
WORJ 107.7 Mt.Dora FL WOI 90.1 Ames, Iowa.
WEAT 104.5 W.Palm Beach KBMR 94.5 Bismarck ND.
WWBA 107.3 St.Petersburg KKLS 93.9 Rapid City SD
WRBQ 104.7 Tampa, FL 6/25 1000 KOA 103.5 Denver Colo.
1200 KMYO 95.7 Little Rock Ark. Es 1030 KBPI 105.9 Denver Colo.
6/15 1200 KWEN 95.5 Tulsa Okla. 7/1 1700 KOYN 93.3 Billings Mont.
Es KTTS 94.7 Springfield MS Es on double hop
to KMOD 97.5 Tulsa, Okla. 1900 KCPX 98.7 Salt lake city
WVMI 93.7 Biloxi, Miss.
1500 WGIG 100.7 Brunswick GA

Fred Nordquist - 302 Sandra Lane - N. Syracuse NY 13212 (EDT) 9/1-9/18

DX:
9/1 Gw 2346 WICB 91.7 Ithaca, NY. w/rr (45)
9/2 Tr 0035 WEZR 106.7 Manassas VA. w/Town Meeting (310)
9/2 Tr 0058 WDAS 105.3 Philadelphia PA Nx/Wx/rr (220)
9/2 0120 Tr WPOR 101.9 Portland, ME w/cw (300)
9/2 Tr 0130 WMGM 103.7 Atlantic City NJ "Stereo 103.7" (275)
9/2 Tr 0200 WFSI 107.9 Annapolis, MD. Relig. Prog. (300)
9/4 Gw 2300 WPKY 97.9 Rochester, NY. unnn-New CL
9/4 Gw 2333 WHRW 90.5 Binghampton, NY. w/rr for NY#126
9/7 Tr 0900 unnn Central Michigan Stns. WCMU/WKAR/WAUS (400)
9/15 Au 2115 unnn WJFM 103.7 MI. (475)
9/18 Tr 1931 WDOV 97.7 Dowagiac MI. w/ID (510)
9/18 Tr 2100 WMUK 102.1 Kalamazoo, MI. w/class. Mx. (475)

Receiver - AJ-15 Antenna JFD LPL FM-10A with rotor at 32' AGL.

Robert Eddy - Box 338 - Newport, OH. 45768 (EST) 7/8--8/31
continued from last month

7/8 2302 WVIA 89.9 Scranton PA w/Nx 7/12 2015 WTCW 103.9 Whitesburg KY
Tr 2308 WCLI 106.1 Corning NY w/Wx Tr 2020 WAIN 93.5 Columbia KY cw.
7/12 1903 WCBR 101.7 Richmond KY w/cw 2023 WITZ 104.7 Jasper IN w/ad
Tr 1909 WLAC 105.9 Nashville TN. ID 7/17 2305 KADI 96.3 St.Louis MO.ad.
1949 WOKI 100.3 Oak Ridge TN w/ad Tr 2322 WGNU 106.5 Granite Cty IL
1952 WLLS 106.3 Hartford KY w/rr 2329 WFML 106.5 Washington IN

SOUTHERN • FM DX

Editor: Larry T. Vogt K4UEO
8213 Springfield Village Drive
Springfield, Virginia 22152
Telephone: (703) 451-8360
Deadline: 13th of the month

NOVEMBER - 1974

Mike Dorner, Jr., 1409 Hymelia Avenue, Metairie, Louisiana 70003

April 23 - October 3, 1974. All times CDT. Equipment: Heath AR-13A, 5-element yagi at 20 feet.

First new station after returning from Alaska was WESJ 102.3 Ellisville, MS, with stereo; wx, id, country mx... May 13: proudest catch; ten-watt WMSU 91.1 Hattiesburg, MS (112 mi), mono rock, // campus AM, id "WMSU the University of Southern Mississippi." Signal building from 2200 until 1/4-meter reflection by 0000. 2310 univ. promo... May 30 tropo strong into northeast, with 0033 WJIZ 96.3 Albany, GA, mono, soul, live anncr; WGGW 107.3 Augusta, GA \$ rock, Pepsi commercial 0050; WTUE 105.7 Troy, AL 0100 s/off with c&w live anncr \$... 0105 un-id with "Z-103" id: American Hit Parade format, \$ rock, live anncr.

Sat. June 2: WFKU 88.9 Richmond, KY in mono, promo for college course 2010, big band mx \$; 2030 WFDU 89.1 Teaneck, NJ folk music; id "the voice of Fairleigh Dickinson Univ." PSA for Heart Assn... 0832 un-id 88.9 MHz with telephone 387-5401 for requests; country blues mx... 2045 WAUP 88.1 Akron, OH, "Barbara Jennings with WAUP News", strong F-skip signal; PSA on CACC rap line; 2049 out with rest of band, end of first F-skip this year for me... 2055 WCWP 88.1 Brookville, NY; band back up to 88.5 for a few moments. WCWP 100 watts with mono rock; id in passing. 2123 WRKC 88.5 Wilkes-Barre, PA with mono contemporary rock, id, out at 2124... band finally dead for night but WAUP back in at 1050 briefly the next morning... June 4 1032 time signals on 91.3 Mexico, DF, ads, mono... "Un oasis en FM" on 88.9 XHM, both relogs...

Sat. June 15: 1150 WHA-FM 88.7 Madison, WI, relog; rock on "WHA Farplay" segued with titles mentioned in groups... 6/18: WLIN 95.5 Jackson, MS with beautiful music, id "Lynn." Station was op for some seven years as WFXM. First logging (#415 for me)... 6/21: 1320 WBG0 88.3 Newark, NJ "Creatures of the wild" on gorillas, told by a woman. 1330 id: "Your school station in Newark, at 88.3 on your FM dial."... mono... 88.7 un-id at 1330 "News from the AP wire" CT news, no id into rock 1334... 7/14 KASU 91.9 Jonesboro, AR in strong tropo 0950 end of Ravel's "Bolero" and bulliten; id in passing. ...re-log WKNO-FM 91.1 Memphis out of cl mx 0950; wx; \$... 8/10: logged long awaited (why do stations down here take years to get on the air?) WFPR-FM 107.1 Hammond, LA equipment tests, \$, MOR mx; now on air and have a "beautiful music" format which mixes gentle contemporary rock; nice... 2115 KPAC-FM 98.5 Port Arthur, TX still observed in mono... 2205 419th new station KWCL-FM 96.7 Oak Grove, LA c&w syndicated show with applause. "Bayou Lincoln Poys" and other groups; local spots, \$ s/off at 2232...

No good tropo opening and no F-skip after this period; 9/14 KYOX 105.7 Longview, TX observed with c&w mx, \$, live anncr (ex-KHFR-FM)... 9/27 2100 KUT-FM 90.7 Austin, TX observed with big band, jazz, mono, strong... 9/30 long-wanted (most top ten) WDAL-FM 101.3 Meridian, MS 0609 \$ news of MS booming thru side of local WNOE-FM. New 100 KW makes WDAL-FM more potent... 0703 WCTA-FM Andalusia, AL observed local mx, spot for Ford, mono now as Elving notes; 0705 98.5 new WSE-FM Atlanta, GA (new for me) out of NEC News, id: "Stereo Best"; ex mx; very strong... 0708 WUOT 91.9 Knoxville, TN s/on with 100 KW \$; daily sched is 8 am - 2 am. Someone overslept; into cl mx... 0712 91.1 WREK Atlanta, GA rock mx, \$, "GA tech metroplex wx" and UPI Audio mx. WSP and WREK are new, bringing total to 422 stations. 73, Mike

Ron LeBlanc, 2524 Arizona Street, Marrero, Louisiana 70072

Have finally found the time to get this report made out. All stations this report are new in order to keep from having such a long report. New 50 ft crank up tower installed over the Labor Day weekend. Finco 7 ft dish at 50 ft, 2-high band yagis horiz. at 45 ft, 2-CM stereo probe 9's at 42 ft spaced horiz., all turned by a CDF AR-33 rotor. Still waiting on some tropo. The new system did increase my ground wave reception from 250 mi to 320 mi. Houston seems to be in on a regular basis.

5/29/74 Es 1755 XHPX 93.7 Ciudad Juarez, Chih. \$ CL (995)
1806 KINT 97.5 El Paso, TX \$ R (990)
1907 KVMN 98.9 Pueblo, CO \$ Nx (1000)
1920 KPIK 94.3 Colorado Springs, CO \$ C/W (1040)
1924 KCMS 102.7 Manitou Springs, CO \$ R (1050)
1952 KVRH 92.1 Salida, CO C/W (1080)
2003 KKFM 96.5 Colorado Springs, CO \$ Comm. ID (1040)

Ron LeBlanc (continued)...

6/1/74	Es	2030	WFDU	89.1	Teaneck, NJ	ID (1192)
		2038	WLEV	96.1	Easton, PA	(1124)
		2058	WFME	94.7	Newark, NJ	(1170)
6/2/74	Es	1016	WMJW	92.1	Nanticoke, PA	\$ R (1102)
		1023	WJSM	92.7	Martinsburg, PA	(990)
		1034	WDUQ	90.5	Pittsburgh, PA	Talk show (930)
		1104	CBL	94.1	Toronto, ONT	\$ Comm. for Opera tonight (1125)
		1113	WEZF	92.9	Burlington, VT	EL \$ New State (1372)
		1117	WPFL	96.5	Montrose, PA	Nx \$ (1146)
6/4/74	Es	0714	RJR	92.7	Coopers Hill, Jamaica	Pop \$ (1175)
		0730	WCTS	100.3	Minneapolis, MN	Bible Prog. \$ (1052)
		1033	XHMM	100.1	Mexico, DF	(917)
	Tr	0854	WBLX	92.9	Mobile, Alabama	\$ R (138)
	Es	1036	XHV	102.5	Mexico, DF	\$ English (917)
		1101	XEJB	96.3	Guadalajara, Jal.	\$
		1117	XHFO	92.1	Mexico, DF	(917)
		1120	XHCM	88.5	Cuernavaca, Mor	R (986)
6/5/74	Es	2034	WBFO	88.7	Buffalo, NY	NPR \$ (1098)
		2059	WAMC	90.3	Albany, NY	CL (1260)
6/6/74	Es	1732			Es noted to Iowa and Colorado.	Reruns.
6/13/74	Es	2115	WIFI	92.5	Philadelphia, PA	\$ c/w (1098)
6/15/74	Es	1012	WSHU	91.1	Fairfield, CT	R (1214)
		1018	WNUF	100.7	New Kensington, PA	\$ c/w (944)
		1040	WQLN	91.3	Erie, PA	\$ MCR (1012)
		1052	WCMS	100.5	Norfolk, VA	\$ c/w (944)
		1100	WEZN	99.9	Bridgeport, CT	\$ (1214)
		1101	WQQQ	99.9	Easton, PA	\$ (1124)
		1104	WPDH	101.5	Poughkeepsie, NY	\$ Local Nx (1214)
		1110	WGMS	103.5	Washington, DC	CL \$ (969)
		1114	WDJF	107.9	Westport, CT	\$ (1214)
		1122	WSNJ	107.7	Bridgeton, NJ	\$ (1080)
		1145	WCCC	106.9	Hartford, CT	\$ (1260)
		1159	WCNY	91.3	Syracuse, NY	\$ (1190)
		1202	WYZZ	92.9	Wilkes-Barre, PA	\$ Quad (1124)
		1205	WDSD	94.7	Dover, DE	MCR (1034)
		1218	WDRC	102.9	Hartford, CT	\$ R (1260)
		1220	WRCP	104.5	Philadelphia, PA	\$ Broadcasting from Woolco (1098)
		1221	WRIR	104.9	Egg Harbor, NJ	\$ MCR (1080)
		1226	WGTS	91.9	Tacoma Park, MD	\$ (970)
		1231	WETA	90.9	Washington, DC	\$ (969) (Tx in Arlington, VA - LTV)
		1234	WCHR	94.5	Trenton, NJ	Gospel (1124)
		1239	WSPK	104.7	Poughkeepsie, NY	\$ MCR (1214)
		1251	WISL	95.3	Shamokin, PA	\$ R (1080)
		1258	WEYO	107.5	Boyetown, PA	\$ Gospel (1080)
		1307	WPDC	106.7	Elizabethtown, PA	\$ MCR (1034)
		1314	WXXY	104.9	Montour Falls, NY	R (1124)
		1318	WPLM	99.1	Plymouth, MA	\$ EL (1372)
6/20/74	Es	1738			Es noted to PA, NJ, MD, VA, & DC.	All Reruns.
6/21/74	Es	1716	WHUR	96.3	Washington, DC	\$ Nx (969)
		1718	WQRK	104.5	Norfolk, VA	\$ R (944)
		1729	WMGM	103.7	Atlantic City, NJ	\$ F1 (1102)
		1732	WNYU	89.1	New York, NY	\$ R (1174)
		1738	WXRA	105.9	Woodbridge, VA	\$ c/w (944)
		1747	WBCI	96.5	Williamsburg, VA	\$ MCR (922)
		1755	WWOD	100.1	Lynchburg, VA	Gospel \$ (810)
		1757	WKTK	105.7	Baltimore, MD	\$ R (1006)
		1804	WPVA	95.3	Petersburg, VA	c/w (900)
		1815	WNOR	98.7	Norfolk, VA	\$ MCR (944)
		1816	WNAV	99.1	Annapolis, MD	\$ EL (975)
		1818	WGAY	99.5	Washington, DC	\$ MCR (969)
		1819	WVWJ	100.3	Newark, NJ	\$ EL (1170)
		1823	WAFL	97.7	Milford, DE	c/w (1056)
		1826	WFUV	90.7	New York, NY	\$ CL (1174)
		1850	WMJS	92.7	Prince Frederick, MD	\$ c/w (980)

SOUTHERN FM DX

NOVEMBER 1974

Ron LeBlanc (continued)...

5/21/74	Es	1903	WRNS	95.1	Kinston, NC & c/w New State #37 (832)
		1904	WFOG	104.7	Ocean City, MD \$ MCR (1034)
		1907	WSFL	106.5	Bridgeton, NC \$ MCR (854)
		1957	WXNC	92.5	Henderson, NC c/w (820)
		2016	WPGC	95.5	Morningside, MD \$ R (975)
		2018	WEAB	102.3	Babylon, NY \$ R (1190)
6/22/74	Es	0915	WDLE	106.5	Marshfield, WI \$ MCR (1112)
		0932	KIMI	95.3	Keokuk, IA \$ MCR (742)
		0934	KAAL	99.9	Austin, MN \$ MCR (966)
		0935	KNUJ	93.1	New Ulm, MN \$ MCR Local Comm. (1012)
		1013	WCCO	102.9	Minneapolis, MN \$ R (1052)
		1015	WWIB	103.7	Ladysmith, WI \$ Gospel (1070)
		1017	WOOD	105.7	Grand Rapids, MI \$ EL (922)
		1019	WBKV	92.5	West Bend, WI \$ Comm. Calander (944)
		1038	WWAM	92.9	Cadillac, MI \$ MCR (1012)
		1045	WQWQ	104.5	Muskegon, MI \$ MCR (944)
6/28/74	Es	1933	WMHT	89.1	Schenectady, NY \$ (1260)
6/30/74	Es				Fs noted to Jamaica. Reruns.
7/2/74	Fs				Es noted to Phoenix, Tempe, Mesa, AZ and Las Cruces, NM.
		1706	KMCR	91.5	Phoenix, AZ \$ R (1317)
7/4/74	Es				Es noted to Phoenix and Flagstaff, AZ.
7/22/74	Fs	1800	WHHI	92.7	Highland, WI \$ (935) Also Windsor, Ontario rerun.
7/25/74	Es	1959	WMUA	91.1	Amherst, MA \$ R School Comm. (1305)
					Plus New York and Pennsylvania reruns.
7/24/74	Es				Es noted to New Mexico and New York. Reruns.
8/22/74	Es	1802	WPTH	95.1	Fort Wayne, IN \$ Nx (832)
		1901	WMSG	92.1	Oakland, MD \$ Nx (900)
9/2/74	Tr	1900	WFRR	107.1	Hammond, LA \$ EL (50) First week on air.
					The following are new after listening to tapes
6/1/74	Es	20—	WTSR	89.7	Trenton, NJ R (1126)
6/15/74	Es	1216	WRGH	100.5	New Britain, CT \$ MCR (1260)
6/22/74	Es	1031	KCOE	90.3	Cedar Rapids, IA \$ (840)
Totals: 630 stations / 37 states & DC / 6 countries					73, Ron

Hank Holbrook, 7211 Chestnut Street, Chevy Chase, Maryland 20015

8/31/74 Es 2015 - 2018 KGTN 96.7 Georgetown, TX Rock w/announcement about Cowboys football. 3,000 watts. QSL'd my tentative report.

FM verifications now at 706 stations from 34 states plus Ontario, Manitoba, & Quebec, and from Bermuda, Cuba, and Puerto Rico.

(Hank may go down to his cottage at Fair Haven, MD for a few days in mid-October. If he does we'll be looking for a report of some fantastic tropes! — LTV)

Larry T. Vogt, K4UEC, 8213 Springfield Village Drive, Springfield, VA 22152

Fisher 500 TX receiver - Finco FM4G antenna @ 25 ft. - Times EDT

9/28/74	Tr	0203	WGBH	89.7	Boston, MA	Sign off. Relog.
		0217	WGAN	102.9	Portland, ME	State #36. Been looking for this one for years. No sign of WPEN!
		0226	WFDU	89.1	Teaneck, NJ	Progressive rock. Relog.
		0304	WVNJ	100.3	Newark, NJ	"Stereo 100" ID. New logging.
		0306	WNEW	102.7	New York, NY	ID. Relog.
		0307	WRFY	102.5	Reading, PA	ID. Relog.

WGAN and WVNJ bring my totals to 570 stations from 36 states plus Ontario, Manitoba, Quebec, Nova Scotia, and Prince Edward Island, Bermuda, Puerto Rico, Cuba, and Mexico.

WESTERN FM DX

EDITOR: ROGER S. HORIE
P.O. BOX 784
MISSOULA, MT 59801
TEL: (406) 549-5365
DEADLINE: 10th MONTHLY

NOVEMBER 1974...HAPPY THANKSGIVING.....Support WTFDA

J. E. Thomas, 412 E. 1st, Apt. B, Hutchinson, KS 67501 (13 Aug - 27 Sept) (GST)
KLH MK 21 FM Rx and 10-element dir. ant. at 30 feet w/o rotor.....New Underlined.....

13 0802 <u>KMKF</u> 101.7 <u>KS</u> Manhattan, rock	9 0630 <u>WOI</u> 90.1 <u>IA</u> Ames, nx
16 1020 <u>KROA</u> 95.7 <u>NE</u> Grand Island-Aurora, EL	0655 <u>KAWL</u> 104.9 <u>NE</u> York, wx, ID
18 1015 <u>KIEE</u> 100.7 <u>MO</u> Harrisonville, ID	0732 <u>KSEL</u> 93.7 <u>TX</u> Lubbock, nx, ID
19 0710 <u>KUVR</u> 97.7 <u>NE</u> Holdrege	17 2013 <u>KOBC</u> 90.7 <u>MO</u> Joplin, nx, ID
0713 <u>KMOD</u> 97.5 <u>OK</u> Tulsa	2020 <u>KWFC</u> 97.3 <u>MO</u> Springfield, gospel pgm
0950 <u>KJSK</u> 101.1 <u>NE</u> Columbus	2024 <u>KTXR</u> 101.5 <u>MO</u> Springfield, Royals bb
29 0705 <u>KRES</u> 104.7 <u>MO</u> Moberly, ID	2225 <u>KBFL</u> 90.3 <u>MO</u> Buffalo, rock
7 1130 <u>KOAX</u> 105.3 <u>TX</u> Dallas, EL	2300 <u>KCMW</u> 90.9 <u>MO</u> Warrensburg, cl
1145 <u>KWXI</u> 97.1 <u>TX</u> Fort Worth, MoR	2309 <u>KWTO</u> 98.7 <u>MO</u> Springfield, rock
1155 <u>KTLC</u> 100.3 <u>TX</u> Dallas, EL, ID	18 0525 <u>KWPM</u> 93.9 <u>MO</u> West Plains
1300 <u>KSCS</u> 96.3 <u>TX</u> Fort Worth, c&w	0531 <u>KYYS</u> 102.1 <u>MO</u> Kansas City, ID
1325 <u>KFWD</u> 102.1 <u>TX</u> Fort-Worth-Dallas, EL	0625 <u>KSYN</u> 92.5 <u>MO</u> Joplin
(KSKU, also on 102.1 didn't interfere.	0629 <u>KGNO</u> 95.5 <u>KS</u> Dodge City
KFWD slid over on 101.9)	0630 <u>KXXX</u> 100.3 <u>KS</u> Colby, ID
8 2140 <u>KGBI</u> 100.7 <u>NE</u> Omaha, Gospel nx, ID	0642 <u>KFLA</u> 94.5 <u>KS</u> Scott City
2200 <u>KOOO</u> 104.5 <u>NE</u> Omaha, c&w, wx	1530 <u>KWOE</u> 106.9 <u>OK</u> Clinton, OK nx network
2235 <u>KFAB</u> 99.9 <u>NE</u> Omaha, EL, ID	26 2030 <u>KMAG</u> 99.1 <u>AR</u> Ft Smith, EL, ID-"The
2305 <u>KXCV</u> 90.5 <u>MO</u> Maryville, nx, sports	100,000 watt voice of NW AR, KMAG, Ft Smith
9 0540 <u>KPAT</u> 97.3 <u>SD</u> Sioux Falls, c&w	2230 <u>KUOA</u> 105.7 <u>AR</u> Siloam Springs
0618 <u>KECM</u> 95.5 <u>IA</u> Sioux City, c&w, ID	27 0740 <u>KSPR</u> 104.9 <u>AR</u> Springdale

Fred McCormack, Des Lacs, ND 58733 (3 July-11 Aug) (CDT)

Heath AR-1500, JFD LFL 10 Antenna...New underlined, New mode, dashed,.....

3 2052 <u>KCMT</u> 100.7 <u>MN</u> Alexandria, c&w	6 1000 <u>WLEZ</u> 101.9 <u>WI</u> Wausau
2057 <u>KRNT</u> 102.5 <u>IA</u> Des Moines, solid gold	1035 <u>KREL</u> 105.7 <u>IA</u> Waterloo
2150 <u>KEYC</u> 99.1 <u>MN</u> Mankato, piano mx	14 0923 <u>WUUU</u> 94.3 <u>TN</u> Oak Ridge, ID, mx
2215 <u>KFJB</u> 101.1 <u>IA</u> Marshalltown, ID	1600 <u>KBER</u> 100.3 <u>TX</u> San Antonio
4 2027 <u>WCCO</u> 102.9 <u>MN</u> Minneapolis, nx	1607 <u>KRMH</u> 103.7 <u>TX</u> San Marcos
2305 <u>CHFI</u> 98.1 <u>ON</u> Toronto, mx	1610 <u>KTFM</u> 102.7 <u>TX</u> San Antonio
2311 <u>WCNY</u> 91.3 <u>NY</u> Syracuse, jazz	1612 <u>KQXT</u> 101.9 <u>TX</u> San Antonio
2337 <u>WEZO</u> 101.3 <u>NY</u> Rochester, Stereo 101	20 0930 <u>WJBM</u> 104.1 <u>IL</u> Jerseyville, ID, nx
2358 <u>CKSO</u> 92.7 <u>ON</u> Sudbury	21 1330 <u>WBKR</u> 92.5 <u>KY</u> Owensboro
5 0021 <u>KNWS</u> 101.9 <u>IA</u> Waterloo	1330 <u>WGGE</u> 95.2 <u>GA</u> Glasgco, nx
0035 <u>KGRC</u> 92.9 <u>MO</u> Hannibal	1335 <u>WBIE</u> 101.5 <u>GA</u> Marietta, c&w
0604 <u>KWYR</u> 93.7 <u>SD</u> Winner, c&w	1343 <u>WLTA</u> 99.7 <u>GA</u> Atlanta
0620 <u>KFMG</u> 94.9 <u>IA</u> Des Moines	1516 <u>KSCS</u> 96.3 <u>TX</u> Fort Worth
0629 <u>KBRX</u> 92.7 <u>NE</u> O'Neill, AM&FM ID	1530 <u>KNTD</u> 103.3 <u>TX</u> Wichita Falls, wx
0632 <u>KJSK</u> 101.1 <u>NE</u> Columbus, ID	1533 <u>KNAF</u> 101.1 <u>TX</u> Fredericksburg
0652 <u>KQAD</u> 100.9 <u>MN</u> Luverne, livestock rpt	1559 <u>KNFM</u> 92.3 <u>TX</u> Midland
0659 <u>KUNI</u> 90.9 <u>IA</u> Cedar Falls, sign/on	1930 <u>KDLK</u> 94.3 <u>TX</u> Del Rio, Action Nx
0700 <u>WOI</u> 90.1 <u>IA</u> Ames, // KUNI	2046 <u>WVEZ</u> 106.9 <u>KY</u> Louisville, stereo 107
0717 <u>KCEL</u> 92.3 <u>IA</u> Oelwein, ID	2055 <u>WCIR</u> 103.7 <u>WV</u> Beckley, cl
0744 <u>WRVM</u> 102.7 <u>WI</u> Suring, ID, nx	2058 <u>WAJC</u> 104.5 <u>IN</u> Indianapolis, cl
0800 <u>KROC</u> 106.9 <u>MN</u> Rochester	2101 <u>WVCM</u> 100.1 <u>KY</u> Carrollton, c&w
0804 <u>KJAN</u> 103.7 <u>IA</u> Atlantic, wx	2102 <u>WHKK</u> 100.9 <u>KY</u> Erlanger
0815 <u>WCCN</u> 107.5 <u>WI</u> Neillsville, Farm Show	2110 <u>WBIE</u> 101.5 <u>GA</u> Marietta, country
0830 <u>WIAL</u> 94.1 <u>WI</u> Eau Claire	2121 <u>WMAZ</u> 99.1 <u>GA</u> Macon, nx
0915 <u>WJAG</u> 106.7 <u>NE</u> Norfolk	2123 <u>WMTL</u> 104.9 <u>KY</u> Leitchfield, c&w
6 0135 <u>KORD</u> 102.7 <u>WA</u> Richland, rock	2133 <u>WTUB</u> 105.7 <u>AL</u> Troy, ID, nx
0143 <u>KGON</u> 92.3 <u>OR</u> Portland	2135 <u>WDRK</u> 102.3 <u>TN</u> Dickson, ID, wx
0838 <u>KPIR</u> 98.9 <u>MN</u> Duluth	11 0701 <u>KOSU</u> 91.7 <u>OK</u> Stillwater, meteor test

Pat Dyer, WA5IYX, 5315 Silvertip Drive, San Antonio, TX 78228 18 Sept-5 Oct) (CST)
Hallcrafters SX-62 with International Crystal SAX-1 preamplifiers; Archer V-100 ant.
at 20 feet with rotor.....

18 Es 1733-37, "R. Fabulosa", 88.8, 1120	18 Es 1812 XHSH 95.3 Mexico City, DF, EL,
Guatemala City, Guatemala	ID, "Radio Amistad"
1802 XHM 88.9 Mexico City, DF, ID 690	tent XEW 96.9 Mexico City, DF, rock
1804 XEBS 89.7 Mexico City, DF, MoR 690	tent XELA 98.5 Mexico City, DF, cx mx
tent XHCM 88.5 Cuernavaca, MoR, Mex 735	tent XHBST 104.7 Mexico City, DF
1807 tent XHRSM 91.3 Mexico City, DF	tent XHDFM 106.5 (implying MUF:134MHz)
1808 tent XEDA 90.5 Mexico City 690	tent XHOF 105.7 Mexico City, DF

18 1823 mostly faded out, with last traces of 88.9 @ 1849
though a very short opening, the best to Mexico since July 9-10

27 Tr 2139 KBFO 94.1 TX Beaumont, ID 275
tent WAFB 98.1 LA Baton Rouge, gold 450
2146 KTRM 95.1 TX Beaumont, fb game 275
2205 KCAW 93.3 TX Port Arthur, ID 280
tent KPAC 98.5 TX Port Arthur, cx mx280
2306 WKRG 99.9 AL Mobile, nx, wx, ID630
2309 WJMI 99.7 MS Jackson, ID, rock 525
2315 WYNK 101.5 LA Baton Rouge, c&w 450

28 Tr 0015 WKXI 94.7 MS Jackson, soul, ID 525
0025 tent WXEL 105.3 LA Slidell, soul 530
0032 WBYU 95.7 LA New Orleans, EL 510
0035 WSWG 99.1 MS Greenwood, MoR/EL 570
0038 tent KTAL 98.1 TX Texarkana, c&w 380
0045 KPCL 99.9 LA Lafayette, rock, ID 395
0055 KSMB 94.5 LA Lafayette, ID, nx 395
best trop condx to east since July 10

1 Es 1646 tent WSCI 89.3 SC Charleston 1120
1743 unID 95.1 to apx 1800

4 Es 0827 tent KERA 90.1 TX Dallas 250
0832 KSCS 96.3 TX Fort Worth, c&w 240

5 Es 1432 WJNO 97.9 FL West Palm Beach 1150
1434 tent WFLA 93.9 FL Tampa, MoR, EL
1436 tent WVFM 94.1 FL Lakeland, EL
1458 WDNJ 94.5 FL Daytona Beach, ID
1500 tent WHOO 96.5 FL Orlando, EL 1035
1523 tent WOMA 94.9 FL Tallahassee, fb
tent WARI 94.3 AL Abbeville 805
1532 WBGM 98.9 FL Tallahassee, ad 855
2000 tent KSJR 90.1 MN Collegeville
2009 tent WIAL 94.1 WI Eau Claire 1125
tent WHWC 88.3 WI Colfax 1130
2013 tent KSTP 94.5 MN St Paul, EL 1110
2328 tent "R. Fabulosa" 88.8 Guatemala City, mighty late for this 1120
direction, especially in October
73, Pat, WA5IYX

Glenn Hauser, 1312 West Oak Ave, Enid OK 73701 (7 Sept - 7 Oct) (CST)

During a week in Colorado, I 'discovered' four new FM stations, three of which are not yet licensed! The three translators serve Leadville from Mosquito Pass, east of there. Despite its 2-mile-high elevation, Leadville is pretty well blocked from FM cities by even higher mountains. The translators have been on for about five years, and may be some of the first on FM. They certainly don't have specs the FCC would approve, though I was told the paperwork was being prepared: they are extremely broad-band, allowing many additional stations to be relayed in addition to those intended, in a non-linear relationship to the center frequency. The 5-element Scala antennas w/12 db gain are said to have one watt power, with a broad lobe westward towards Leadville; however, all of them can be heard as far away as Twin Lakes CO on a whip antenna.

107.6 translates KVMN-98.9; seems to be clean of extra stations unless KRDO-95.1 heard on 102.9 comes from this! Second best signal at Twin Lakes.

106.2 translates KRDO-95.1 (I had heard this on a previous trip but assumed it was a freak knife edge from the licensed 106.3 translator in Canon City); also, it relays KHOW 95.7 on 107.0; KAVI-95.9 Rocky Ford on 107.2; KPIK-93.9 around 105.1; KFLA-94.5 Scott City KS (!) on 105.9. All these noted just walking around in Leadville w/my Astronaut-6 portable. Strongest signal of the three in Twin Lakes.

91.7 translates KHOW-95.7. KHOW was formerly on the 106.2 translator, which was the first to come on. Also brings in KRDO-95.1 on 91.3; note that this is a commercial station in the educational band! Very weak in Twin Lakes.

Also heard in Leadville was on 90.0, KLZ-106.7. I believe this is cable radiation; a dial card shows KVOB-99.5 on this freq, however. KVOB-99.5 airplane-skipped in directly at one point. KREX-92.3 Grand Junction was definitely heard one channel below KVRH-92.1 Salida, sandwiched between it and KHOW xltr. This may be another unlicensed translator west of Leadville. Estimated frequency accuracy of my measurements: + 0.1 MHz. The Nathrop xltr is on 103.1, of KVMN-98.9, despite the contradictory K276- call in the Atlas; it gets out well, as far down the road as Salida. I was surprised to find a new FM on the air in La Junta, KBLJ-92.1, since Sept. 1, testing since Aug. 1; country. So when you hear Colorado on 92.1, don't assume it's Salida. Now the DX noted from Enid:

8 Tr 2145 WOI 90.1 IA Ames, opera
2304 KUNI 90.9 IA Cedar Falls, rock
2306 KVNO 90.7 NE Omaha, s/off, 3kw
2313 KIOS 91.5 NE Omaha, cl, ID
MS 2336 ???? 91.5 ?? Mexican mx, ant North

9 Tr 0559 KDCR 91.3 IA Sioux Center, wx
0558 KMKF 101.7 KS Manhattan, ID
0600 KRNT 102.5 IA Des Moines, ID, nx
0604 KJLS 103.3 KS Hays, new on air*
0704 KOOO 104.5 NE Omaha, NE nx
0705 WJAC 106.7 NE Norfolk, local nx
0715 KHKS 102.7 NE Lincoln, ABC nx, ID
0759 KWBE 92.9 NE Beatrice, ID

17 Tr 1900 KCMW 90.9 MO Warrensburg
2000 KBIA 91.3 MO Columbia

26 Tr 0659 KNDY 103.1 KS Marysville, ID, nx
0755 KSMU 91.1 MO Springfield, NPR

26 Tr 1930 KSWC 88.3 KS Winfield, ID
1951 KJUM? 88.9 MO Jefferson City
2001 KUMR 88.5 MO Rolla, cl anmt
2006 KBIA 91.3 MO Columbia
2103 WOI 90.1 IA Ames, cl

5 MS 0628 ???? 90.1 ?? o/KERA; "...details in just a couple of minutes on Rise and Shine..."

Tr 1943 WKNO 91.1 TN Memphis, MoR
2003 KASU 91.9 AR Jonesboro, PSA
2004 KEFC 93.5 AR Forrest City, ID
2006 KLCN 96.1 AR Blytheville, ad
2007 WMC 99.7 TN Memphis, ID
2008 KWAM 101.1 TN Memphis, ID, ad
2011 WREC 102.7 TN Memphis, MoR
2012 WEZI 105.9 TN Memphis, EL \$, ID
2306 KWFC 97.3 MO Springfield, s/off

WESTERN FM DX

NOVEMBER 1974

Danny Buntin, 1020 S. Duncan, Stillwater, OK 74074 (9 Sept - 7 Oct) (CST)

Pioneer TX 9100, 10 element rotatable antenna @ 30 feet.....

9 Tr	1906	KCMW	90.9	MO	Warrensburg	260	27 Es	0730	WERN	88.7	WI	Madison	640
	2006	KHFG	93.5	MO	Greenfield, EL	200	5	2131	KRYK	103.7	AR	Little Rock, rock	285
14 Tr	2113	KHOZ	102.9	AR	Harrison	225		2204	KSMU	91.1	MO	Springfield	220
	2338	WMPS	97.1	TN	Memphis, c&w	405		2200	WGNU	106.5	IL	Granite-St Louis	420
	2341	WEZI	104.5	TN	Memphis, EL	405		2214	KLUM	88.9	MO	Jefferson City	320
	2345	KWAM	101.1	TN	Memphis, c&w	405		2239	KBIA	91.3	MO	Columbia	330
26 Tr	2204	KSEB	94.7	MO	Crestwood	405		2301	WBMQ	107.5	??	ID but no city	
	2231	KFMW	107.9	IA	Waterloo, ID	520		2302	KKSS	107.7	MO	St Louis, ex-KGRV	
	2230	KWZK	102.5	MO	St Louis, EL	410		2321	WUBE	105.1	OH	Cincinnati, ID	740
	2236	WIL	92.3	MO	St Louis, c&w, ID	410		2325	WITZ	104.7	IN	Jasper, ID	590
	2300	KOPM	93.7	MO	St Louis, EL	410		2358	WILL	90.9	IL	Urbana, s/off	585
	2305	KISE	100.7	MO	Harrisonville	235	6	0015	KNIT	105.1	TX	Abilene, wx rpt	300
	2305	KLYF	100.3	IA	Des Moines	430		0028	KCRQ	100.7	??	"You've dialed	
	2334	KBIA	91.3	MO	Columbia	330						'cork'--KORQ", location not given	
	2347	KSCZ	88.1	MO	Point Lookout	230		0101	KDSX	101.7	TX	Sherman-Denison	170
27 Es	0008	KROC	106.9	WI	Rochester, PSA	615	7	2106	KSWC	88.3	KS	Winfield, 10w	85
	0021	KJFF	106.9	MO	Jefferson City	320		2124	KWNS	93.1	KS	Pratt	145
	0713	WJAJ	106.7	NE	Norfolk	365		2144	KIND	96.7	KS	McPherson	
	0714	WCI	90.1	IA	Ames	445		2146	KFLA	94.5	KS	Scott City, ID	275
	0720	KTTT	93.5	NE	Columbus	365						"Heart of the nation radio"	

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FM-NORTH

NOVEMBER 1974

DX report of Robert Eddy cont'd.	8/22	1754	KNKO	106.9	Conroe TX ads
7/21 1229 KNWC 96.5 Sioux Falls SD	Es	1759	KQUE	102.9	Houston TX Nx
Es 1235 KRSW 91.7 Pipestone MN Nx.		1800	KFMK	97.9	Houston TX w/Nx
7/22 1734 WIAN 90.1 Indianapolis IA		1801	KLOL	101.1	" " w/ads
Es 1758 KNAF 101.1 Fredricksburg TX		1805	KHCB	105.7	" " w/Nx
7/24 1828 WMTQ 94.9 Mt. Wash., NH w/Wx		1813	WBAC	97.9	Greenville MS
Es 1831 WDOS 97.9 Portland ME w/ID					w/promo
1844 WHAV 92.5 Haverhill MA w/ID	8/25	2058	WIUC	98.3	Winchester IN
8/16 1750 WCNE 88.7 Batavia OH w/rr	Tr				gospel pgm, & ID
8/22 1744 KYND 92.5 Pasadena TX "KIND"	8/31	1756	WBT	107.9	Charlotte NC
Es 1751 KCAW 93.3 Pt. Arthur TX w/cw	Tr				w/ID, ad, Nx w/WELM off

Tony Ward - RH4 - Guelph, Ontario, CANADA N1H6J1 6/15

Have just joined WTFDA. Previous experience in SWDX is 145 countries QSL'd and BCB DX with 90 countries QSL'd from NZ but now main interest is FMDX between teaching classes in earth science at the University of Guelph. Equipment is Marantz 110 tuner to Marantz 1060 Amp. Antennas are 2 vertically stacked Delhi 10YFMG's at 40ft w/AR-22R rotor. 1225' ASL rural hill top location gets me out daily to WMBI Chicago, WVWC 88.9 West.VA. and WBAY 101.1 Green Bay Wisc. '73.

below is a list of 6/15 DX. Time is from 1100 tune in, to 1545 out.

6/15	WUSF	89.7	Tampa FL.	6/15	KPUP	97.7	Kingsville TX
Es	KPFT	90.1	Houston, TX.	Es	WFAA	97.9	Dallas-Ft. Worth TX
	Radio Rebelde	90.5	Cuba.		WFAV	98.3	Cordellie, GA.
	WKLR	92.3	Montgomery, AL		KFMZ	98.3	Columbia, MO.
	KAFM	92.3	Midland, Texas.		KTXN	98.7	Victoria, TX.
	WQST	92.5	Forest, MS		WBGM	98.9	Tallahassee, FL.
	WHTB	92.7	Talladega AL 250w		WQYK	99.5	St. Petersburg, FL.
	WBLX	92.9	Mobile, AL		WDAE	100.7	Tampa, FL
	WFDR	93.3	Manchester, GA.		WHEW	101.9	Ft. Myers, FL.
	WVMI	93.7	Biloxi, MS.		KNOE	101.9	Monroe, LA.
	KRLY	93.7	Houston Texas.		WWL	101.9	New Orleans, LA.
	KLEB	94.3	Golden Meadow LA		KKBE	104.1	Houston, TX.
	KAPB	97.7	Marksville, LA.				



VHF UTILITY DX

Pat Dyer
5315 Silvertip Drive
San Antonio, TX 78228
Deadline: 12th of month

NOVEMBER 1974

Donald L. Blevins, 803 Northrop Lane, Baltimore, MD 21220 Bearcat III,
 $\frac{1}{2}$ -wave dipole; $\frac{1}{4}$ -wave groundplane; 3-element beam; ELT used; * QSLed

5-31	2054, KKC	808	39.50	Franklinton, LA (sheriff)
	2104, KSQ	671	39.50	Hammond, LA (sheriff)
	2105, KKH	831	39.50	Cameron, LA (sheriff)
	2119, KSC	770	39.50	Toledo, IL (sheriff)
	2127, KVJ	874	39.50	Toledo, LA (sheriff)
12:	2032, KSB	456	39.50	Joliet, IL (sheriff)
13:	2106, KSA	911	39.50	Monmouth, IL (sheriff) *
	2113, KSB	203	39.50	Clinton, IL (sheriff)
	2126, KSA	332	39.50	Jacksonville, IL (sheriff) *
		KSA 967	39.50	Lacon, IL (sheriff)
	2120, KSB	849	39.50	Quincy, IL (sheriff)
	2123, KSA	926	39.50	Decatur, IL (sheriff) *
17:	1651, KJH	229	39.50	Berryville, VA (sheriff)
28:	0102, KAK	268	39.22	Virginia, MN (sheriff)
	1921, KSC	784	39.50	Carbondale, IL (police)
	1924, KSC	766	39.50	Marshall, IL (sheriff)
	1937, KSL	337	39.50	Hillsboro, IL (sheriff)
		KSA 967		
		KSA 961	39.50	Taylorville, IL (sheriff)
	1938, KSL	607	39.50	Carrollton, IL (sheriff)
	1944, KSC	420	39.50	Tuscola, IL (sheriff)
	1949, KGU	994	39.50	Jerseyville, IL (sheriff)
	1955, KSA	925	39.50	Lewiston, IL (sheriff) *
	1956, KGS	591	39.50	Christopher, IL (sheriff)
	1959, KSC	343	39.50	Macomb, IL (sheriff)
	2009, KFN	399	39.50	Centralia, IL (police)
7-1:	2249, KJL	599	46.42	Fredrick, MD (county fire) *
2:	0001, KOK	667	46.42	Media, PA (county fire)
19:	0149, KTK	634	46.18	Gettysburg, PA (county fire)
23:	2107, KLV	793	46.42	La Plata, MD (county fire)
24:	2041, KAA	756	39.28	Cedar Rapids, IA (police)
	2050, KSA	907	39.50	Pontiac, IL (sheriff) *
	2053, KAA	982	37.10	Mount Pleasant, IA (police)
	2054, KKQ	961	37.20	Mena, AR (sheriff) *
		KSK 942	37.20	Fordyce, AR (sheriff)
28:	2142, KGA	410	460.05	Baltimore, MD (police)
29:	1436, KGB	744	39.34/.32	Pikesville, MD (state police)
	1438, KGL	631	39.24	Centerville, MD (state police)
	1445, KGE	796	39.32	Rockville, MD (state police)
	1503, KGA	920	39.34	Conowingo, MD (state police)
8-13:	0016, KGA	956	42.62	Greensburg, PA (state police) *
14:	2028, KGA	951	39.50	Lansdale, PA (police)
16:	2214, KGB	449	39.20	Cambridge, MD (police)
19:	2018, KGF	587	453.20/.35	Philadelphia, PA (police)
25:	2302, KGP	534	154.055	Baltimore, MD (port administration)
26:	0147, KGA	396	155.01	Reading, PA (police) *
2-5:	1450, KEB	431	37.18	Toms River, NJ (sheriff) *
8:	1158, KGN	512	33.94	Westminster, MD (county fire)
	1338, KGD	970	155.475	Prince Fredrick, MD (state police)
	1329, KLP	969	154.28	Baltimore, MD (fire)
		KGC 337	154.28	Towson, MD (fire, county)
	1430, KGH	654	155.475	Forestville, MD (state police)
		KGA 914	155.475	Eagerstown, MD (state police)
	1533, KGD	479	154.28	Millersville, MD (county fire)
		KGA 611	154.28	Hyattsville, MD (county fire)
	1851, KGF	986	155.475	Annapolis, MD (state police)
	2058, KGD	529	154.28	Jonestown, MD (county fire)
13:	0908, KGN	512		
14:	2147, KLQ	212	39.90	Elkton, MD (sheriff)

151	2049, KFI 337	154.28	Fairfax, VA (county fire)
	KIU 862	154.28	Leesburg, VA (county fire)
	2300, KVT 766	33.78	Dover, DE (county fire)
171	1400, -	33.78	Georgetown, DE (state fire)
	-	33.78	Dover, DE (state fire)
	-	33.78	Wilmington, DE (county fire)

Rick Stein, 456 Barrymore Place, North Brunswick, NJ 08902 EDST

6-6-73:

1721, KIB 487	45.06/.10	Tampa, FL (state)
1730, KGT 619	"	Daytona Beach, FL (state)
2158, KIB 481	"	Fort Myers, FL (state)
KIB 486	"	Lake City, FL
KIB 471	"	Palatka, FL (state)
2159, KIB 480	45.06	Lakeland, FL (highway patrol)

6-27-73:

2244, KSB 230	39.46/.50	Joliet, IL (state police)
2251, KAA 585	37.10	Marshalltown, IA (sheriff)
KAF 920	37.10	La Porte City, IA

6-28-73:

0031, KAA 966	37.10	Sioux City, IA (police)
0121, KAI 632	37.10	Corning, IA
0122, -	37.10	Clinton County, IA (mobile, sheriff)
0123, KAD 988	37.20	Albia, IA (sheriff)
KAI 651	37.10	Scott County, IA
0124, KAF 228	37.10	Manchester, IA (sheriff)
0127, KAL 761	37.10	Onawa, IA (police)
0130, KAF 627	37.10	Vinton, IA (sheriff)
0132, KAA 985	37.10	Marshalltown, IA (sheriff)
0135, KAF 507	37.10	Rockwell, IA (sheriff)
0137, KAB 410	37.10	Montezuma, IA (sheriff)
0138, KAM 799	37.10	Burlington, IA (sheriff)
0140, KAA 412	37.10	Ottumwa, IA (sheriff)
0143, KAA 981	37.10	Red Oak, IA
0147, KAB 540	37.10	Des Moines, IA (sheriff)
0153, KGT 462	37.10	Iowa City, IA (sheriff)
0155, KAJ 266	37.10	Pella City, IA
KAI 795	37.10	Knoxville, IA
0159, -	37.10	Sioux City, IA (mobile, sheriff)

6-29-73:

1947, KSB 231	39.46	Blue Island, IL (state police)
KSA 926	39.46	Decatur, IL (sheriff)
1948, KSH 222	39.50	Effingham, IL (sheriff)
KSC 770	39.50	Toledo, IL (sheriff)
KSC 492	39.50	Benton, IL (sheriff)
KSB 420	39.50	Murphysboro, IL (sheriff)
1955, KSA 495	39.50	Havana, IL
1957, KSG 989	39.50	Fulton, IL
2000, KSB 302	39.50	Monticello, IL
2001, KLP 443	39.50	Pikeville, KY (sheriff)
2004, KAB 289	42.22	Weldon Springs, MO (state police)

7-2-73:

1223, KAA 962	37.10	Storm Lake, IA (sheriff)
1227, KAC 948	37.10	Charles City, IA
1235, KAD 546	37.10	Forrest City, IA (sheriff)

7-17-73:

2130, -	42.22	NE (state police)
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7-23-73:

2242, KHD 36	162.40?	Washington, DC (ESSA)
2325, KEC 92	162.40	Baltimore, MD (ESSA)

7-24-73:

0003, KHE 38	162.40	Atlantic City, NJ (ESSA)
1126, KSB 849	39.50	Quincy, IL (sheriff)
1134, KSB 567	39.50	Carlinville, IL (sheriff)
1136, KSB 221	39.50	Edwardsville, IL (sheriff)

7-24-73:

1139, KSB 219 39.50 Urbana, IL (sheriff)
 1141, KSA 905 39.50 Carthage, IL (sheriff)

8-5-73:

2043, KKC 801 37.10 Harrisburg, IA
 2052, KIH 982 37.26 Smith County, TN
 2101, KIC 432 37.26 Columbia, TN
 2105, KSK 405 37.26 Watertown, TN
 2109, KIT 752 37.26 Jackson, TN (sheriff)
 2110, KUB 742 37.26 Franklin County, TN
 2115, KIA 376 37.26 Lawrenceburg, TN
 2127, KBN 816 37.26 Sewanee, TN (sheriff)
 2128, KIB 422 37.26 Lewisburg, TN
 2130, KFX 279 37.26 Lebanon, TN (sheriff)

5-18-71: 1905, KSG 393 39.50 East Lubuque, IA

6-7-72: 1244, KAF 985 37.10 Lecatur, IA (sheriff)

1302, KAF 474 37.10 Grinnell, IA

8-1-72: - KAA 754 33.82 Minneapolis, MN (fire)

Hank Hollbrook, 7211 Chestnut St., Chevy Chase, MD 20015 QSLed, GMT used

5-25: 2229, N413GH 129 vic Washington Dulles Airport (Blue Bolt Corp. DeHaviland DH-125; twin-turbo, 10-seat, 6000 ft)

7-20: 2125, N1866T 119.7 ov Ches. Bay Bridge, MD (Baltimore Aviation Service, Inc.; Piper Cherokee 140; 3000'; 10w)

25: 0312, KAA 430 42.46 Grand Island, MD (state patrol; 3 kw)

0319, KAB 310 42.46 Norfolk, NE (state police; 3 kw)

8-2: 0531, - 162.55 Hyannis, MA (National Weather Service; 390 w; call not given; thru locals of NY & DC)

2: 1839, CG 1366 156.8/ Balti more, MD (Coast Guard Helicopter,

157.15 Sikorsky HH52A; at air show; 20 watts)

8: 2006, N5113H 127.7 20 mi e Baltimore (Amerada Hess Corp.;

Grumman Gulfstream II; 2-engine, 22-seat)

10: 2025, CG 41311 157.2 between Parkers Shoal Light and Fair haven
 Cliffs Beach (C.G. 41' rescue boat; craft
 coming to aid of 29' Pace Maker Yacht afire
 in bay a few hundred yards from cottage, so
 able to see as well as hear action; craft
 total loss, no injuries)

2033, "1254" 39.2 as above (Chesapeake II, police patrol)

"54" 39.2 "(Boston Whaler; police; 20 watts)

11: 1834, N10084 119.7 s of Easton, MD (Ft. Meade Flying Club;
 Cessna 150L; single-engine, 2-seat)

1844, N60489 119.7 ov Severna Park, MD (Flight Training, Inc.;

18: 0205, N296HA 122.2 vic DC (Henson Aviation, Inc.; Beechcraft
 BE-99A; 2-engine, 17-seat; 5000 feet)

1648, N19589 122.8 nr Easton Arpt (Freestate Av., Inc.; 150L)

1712, N18636 119.7 ov Waterloo, DE (")

19: 1609, N9922F 119.7 vic Bal. (Whalen Co.; Cessna 310; 2-eng, 6-seat)

24: 1840, N34328 119.7 ov Kent Is., MD (Hop Flt., Inc.; Cessna C177B)

 This has been one of the more extensive columns in recent years. However, they are all from the same region of the country (which has been the more consistent in supporting the column since I took it over in May 1970).

With the recent upsurge in solar activity and F2 effects (discussed in more detail later), reports from the west coast would be very useful in determining just what the transcontinental F2 MUF's did reach. While I might be experiencing 1800-mile skip to n.e., the 2400-mile paths are producing a lot for 35, 37, and even 39 MHz signals.

As always, lengthy submissions should be chronologically arranged so as to speed processing.

Now, to my loggings. Hallcrafters SA-62, with 2 long wires (30' at 12' with n.e.-s. and n.w.-s.e. runs); 50-MHz with Swan 250, 3-element Cushcraft horizontal Yagi antenna at 15 feet; daily noon F2 MUF listed (* backscatter), for US if near or above 32 MHz; all 12 unless noted; GMT used; new underlined

2-13: 2336, 40.00	30: 2025, 37.00	7: 2030, KOE 257 (Es)
14: 2302, 40.00	10-11: 1732, S Diego (Es)	2044, 40.85
15: 0010, R. Havana	1907, KOL 257 (Es)	2105, KLN 407 (Es)
2117, 45.45	1940, 37.00	2138, KAG 606 (Es)
16: 1805, 31.21	2: 1440, KOE 257 (Es)	2203, 35.15 P.Rico
17: 2000, 36.25	1518, KFL 943 (Es)	2332, KKL 445 *
18: 2010, 50.34	1608, S Diego (Es)	2335, KDN 402 (Es)
19: 1701, KAD 349 (Es)	1616, Los Ang (Es)	2343, KMA 829 *
1815, KMA 829 (Es)	2315, 40.00	8: 2003, 40.94
1925, 46.10	3: 1810, 38.50	9: 0025, KLF 527
20: 1810, 37.00	4: 2015, 44.95	1640, KCA 585
21: 2005, 40.60	5: 1700, KMA 829 (Es)	1653, KCL 658
2205, 50.11 *	1800, S Diego (Es)	1659, KCA 591
22: 2057, 40.73	1820, 37.00	1730, 45.88
23: 2340, 35.28	1929, KSJ 815 (Es)	1740, KCC 482
2347, 35.58 *	2307, KOE 257 (Es)	1740, KCB 217
24: 0038, KMA 829 (Es)	6: 0055, KIE 953 (Es)	1749, KCF 590
0103, KLF 527	2033, KMA 829 (Es)	1800, KCA 378
25: 0515, KME 438 (Es)	2130, 40.74	KCA 695
0536, KFL 943 (Es)	2203, KME 438 (Es)	KCE 457
2028, 45.10	2235, 31.9 US	2330, KBZ 283
26: 2105, 40.00	2306, S Diego (Es)	10: 1925, 40.85
27: 0235, KOE 257 (Es)	7: 0025, KLF 527	11: 1955, 40.46
2122, 40.85	0030, KME 438 (Es)	2100, KGL 713
28: 2130, 34.89	1934, KMA 829 (Es)	12: 1635, 38.50
29: 2022, 40.36	1958, KFL 943 (Es)	

KAG 606	35.58	Denver, CO	KFL 943	35.58	Las Vegas, NV **
KBZ 283	33.9-	Gilford, NH-f	KGL 713	31.08	New York, NY-t
KCA 378	33.--	New Haven, CT-f	KIE 953	35.58	Atlanta, GA
KCA 585	33.--	Plymouth, MA-f	KKI 445	35.58	Houston, TX
KCA 591	33.74	Boston, MA-f	KLF 527	35.22	Honolulu, HA **
KCA 695	33.78	Manchester, NH-f	KMA 829	35.58	San Diego, CA
KCB 217	33.90	East Lyme, CT-f	KMD 349	35.58	Bakersfield, CA
KCC 482	35.22	Concord, NH *	KME 438	35.22	Orange, CA
KCD 658	33.70	Westminster, MA-f	KOE 257	35.22	Phoenix, AZ
KCE 457	33.--	Newton, CT-f	KSJ 815	35.22	Fort Wayne, IN
KCF 590	33.86	Redding, CT-cf	-	30.60	Havana, Cuba-ha
KDN 402	35.54	Omaha, NE	-	35.46	Los Angeles, CA-mp
KDN 407	35.22	Col. Spgs., CO	-	35.38	San Diego, CA-mp

f-fire, c-county; mp-mobilephone; t-transit; ha-h.f. harmonic; rest are tone pagers, except * voice and ** voice ID with tone messages

Recent solar flux levels have been the highest in almost 2 years. For a change they came at a time when the F2 would be affected the most (unlike the July activity of last summer). Thus, US F2 DX conditions (for a while) have been the best since 1972's fall season.

More of this upswing's effects will be seen in next month's column.

A \$10/yr monthly publication has been resumed by the NOAA people at Boulder. It is much less detailed than the former weekly (free) bulletin was.

At 18 minutes past the hour WWV gives the A-Index and solar flux for the previous day (revised 0400 Z), which is the bulk of the new publication. (It also includes the 3-hr K-Indices).

73, *Pat* WA5IYX

PHOTO-NEWS

Jim Alexander
Canisius College
Box 2 - Bosch Hall
Buffalo NY 14208

November '74

Feature



The above are photos of fellow Buffalo DXer Bill Thompson's antenna set-up. It consists of this equipment: 10-foot South River guyed tripod tower on a 35' high roof; Alliance T-45 rotor; thrust-bearing bracket; Archer V-125 VHF antenna @ 46'; Finco P-7 UHF dish @ 50' (distance measured from ground level to feed section of dish). The whole rig is about 54' above ground.

The photo on the left was taken 10/7/74 when the sky was overcast, and the one on the right on 10/6/74, when the sky was clear and the sun was bright. Please note the increased contrast obtained with the photo taken while the sky was overcast. If you are going to send a photo of your antenna set-up to this column, please try and see if taking the photo on a somewhat overcast day produces a more distinct image. Let's have some more of these type photos!

Now, some TV-DX!



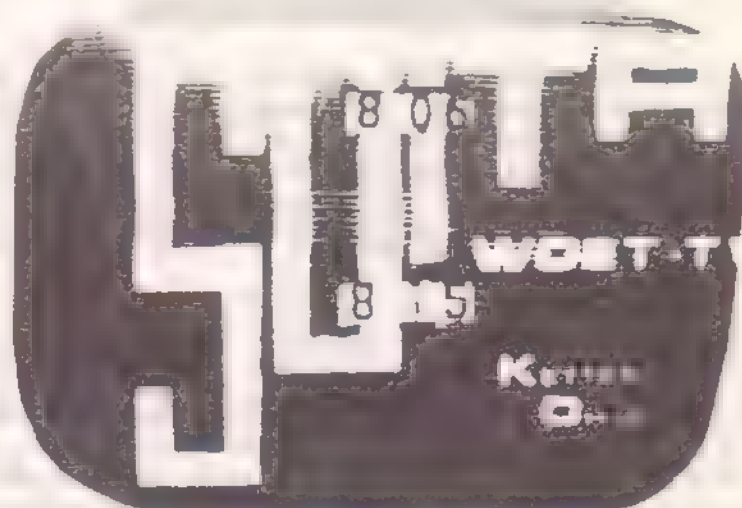
XHPW-9 Tampico, Tamaulipas, Mexico
495 mile tropo 3/14/73 (GH)



XEFE-2 Nuevo Laredo, Tamaulipas, Mexico
140 mile tropo 3/14/73 (GH)



KTHV-11, Little Rock, Ark.
No information given



WOET-16, Dayton, Ohio
Tropo (GO)

Received some info from Hq this month, and will pass it right along. 1) Photos in color cannot be used.

2) Photos can be used in this column and then returned to the contributor. If you send a photo, and would like it returned, make sure and specify that you want it back.

Response has still been very slow. Your editor is hoping that the news concerning the ability to both use and return photos will turn things around (???)

A request for photos of Latin American TV-DX has been received. We're running a couple this month, and should have a couple more next month. After that, there are none left ... unless YOU send some in.

Special thanks to Bill Thompson, Buffalo, NY, for the antenna photos, and to all of our contributors this month: GH = Glenn Hauser, Von Ormy, Texas; GO = Gary Olson, Deerfield, Illinois.

It would be appreciated if whoever sent Hq the KTHV-11 photo would drop me a note, so credit can be given to the contributor, and we can find out how far away from KTHV-11 the photo was taken.

73, Jim

FM QSL CORNER

Nov 174
Editor: Greg Kelley
108 Archer St.
Staunton, Va.

- CO DENVER KHOW 95.7, QSL card-no mention of FM. GEORGE VOGEL, ce (RW) 24401
SALIDA KVRH 92.1, ltr, cm, info. BILL MURPHY, gm (RW) mine most distant.
- CT HANDEN WKCI 101.3, ltr, info. WILLIAM SMITH, ce (TY)
HARTFORD WDRG 102.9, QSL card-v/s unreadable (TY)
" " WVIC 96.5, QSL card. no v/s (TY)
WESTPORT WDJF 107.9, QSL card-CLIFF MILLS, tech dir (TY)
- DC WASHINGTON WETA 90.9 f/ltr, cm no v/s (TY)
" " " WGTB 90.1 ltr, BOB CONRAD, ce (TY)
" " " WMAL 107.3 verie on cm. no v/s (TY)
" " " WMOD 98.7 ltr MARV BROOKS, pgm dir (TY)
" " " WAMU 88.5 QSL card-WILLIAM N. BROWN, p.d. (RW)
- DE GEORGETOWN WSEA 93.5 ltr-STEPHEN G. WALLACE, eng (TY)
MILFORD WAFL 97.1 ltr, bs. MIKE BROOKS (TY)
SEAFORD WSUX 98.3 ltr, W.W. PURVIS, ce (TY)
WILMINGTON WSTW 93.7, ltr- JOSEPH W. JONES, eng. (TY)
- FL COCOA BEACH WCKS 101.1-ltr, cm. BILL BAKER (PS)
DAYTONA BEACH WDNJ 94.5, QSL card, cm, info. ROANOLD J. KOCHER (RW)
FORT WALTON BEACH WFTW 99.3-f/ltr. CARL SHELENBERGER, pd my rpt was
read on the news. ~~most~~ most distance rpt. (PS)
JACKSONVILLE WIVY 102.9-ltr. by member CHRISTOPHER J. HALL, ce (SS)
KEY WEST WFYN 92.5 sent cm & info, but no verie. (RW)
MIAMI BEACH WMYQ 67 khz SCA-825-inspecific ltr. MIKE GABLE, m (RC)
MIAMI WOCN 94.9 ,ltr, bs . no v/s (PS)
OCALA WFUZ 93.7 ltr-MRS. HELEN F. HELVEN, ass't m. (PS)
PENSACOLA WBOP 101.5, ltr. WAYNE COLEMAN, m (PS)
" " " WMEZ 94.1, ltr. FREDERIC T.C. BREWER (PS)
POMPANO BEACH WCKO 102.7 ltr, ROBERT P. WOODALL, ass't ce. says my rpt
is one of the most distance. (SS)
ST. PETERSBURG WLCY 94.9 QSL card corrected for FM. R.G. BEATTER, ce (PS)
TAMPA WUSF 89.7 ltr. WILLIAM M. BRADY (TY)
TALLAHASSEE WFSU 91.5 2-pp ltr from DXer ED HULA, promo dir (RW)
" " " WOMA 94.9 ltr, but no time. F.W. HAZELTON (RW)
WINTER PARK WLOQ 103.1 ltr, info, pen. LOUIS A. SATMARIS, ops m. (SS)
- GA COLUMBUS WRBL 102.9 ltr. JOE A. GAMBLE, ce (PS)
SAVANNAH WTOG 94.1 ltr & cm. KYLE E. GOODMAN, dir eng. (TY)
" " WXLN 97.3 verie on rpt. ERIC JOHNSON, m (TY)
- ILL LINCOLN WLCC 88.9 ltr, C.DAVE COPELAND, tech dir. (JA)
CHICAGO WMBI 90.1 QSL card, sked. HANK VOSS eng. (KRS)
URBANA WILL 90.9 QSL card. BOB R. BELDON, eng dept. (PS)
- IND INDIANAPOLIS WIAN 90.1, NPR card. JOHN L. KROM, ce (KRS)
VINCENNES WVUB 91.1 ltr, C.WAYNE SCHULER, dir tech ops. (KRS) most distance
- IA AMES WOI 90.1 QSL card (TY)
DES MOINES KDPS 88.1, ltr, LARRY SMITH, ce (TY)
SIOUX CENTER KVDB 94.3, long ltr. MARK BRUGGOR, ass't ce. (PS)
SIOUX CITY KBCM 95.5 ltr, promo calendar. GERALD D. CALHOUN. (PS)
- KS COLBY KXXX 100.3 ltr. ED MASON, p (PS)
WICHITA KICT 95.1 my rpt returned with "ok" L. STRECK---(?) (KRS)
" " KMUW 89.1 ltr. Lstrpt at their 10 kw level. DAVID N. GOOD (KRS)
- KY PRESTONBURG WDOC 95.5, ltr & cm. WILLIAM C. LAFFERTY, ce. (TY)
- LA NEW ORLEANS WDSV 93.3 QSL card. (TY)
" " WNOE 101.1 QSL card J. COPE (PS)

MD Annapolis WNAV 99.1, ltr, card, cm from MRS. ELIZABETH S. SMITH, ass't ce (TY)
 BALTIMORE WBAL 97.9 QSL card (TY) WBJC 91.5 ltr. FRANK ZEILER (TY) (RW)
 " " WLPL 92.3 ltr (in 2 tries) LEE S. PAR, dir eng. (TY)
 BETHASDA WHFS 102.3 ltr, ALVIN JEWELER, gm (TY)
 " " WJMD 94.7, ltr, GARY HESS, dir eng. (PS) says he usually sends f/1
 HAGERSTOWN WJEJ 104.7, ltr-cm. E. ALLEN BROWN, ce (TY)
 HARVE DE GRACE WHDG 103.7, qsl card. (TY)
 SALISBURY WBOC 104.7 qsl card (TY) WICO 94.3 ltr WILLIAM B. PHILLIPS, p (TY)
 TAKOMA PARK WGTS 91.9 ltr, CARL PEDERSEN, ce (TY)

MI BERRIEN SPRINGS 90.9, ltr H.O. DOERING, eng. WAUS (KRS)
 MIDLAND WUGN 99.7 ltr RANDY CARLSON (PS)
 MOUNT PLEASANT WCMU 89.5 ltr THOMAS M. HUNT, pgm dir. (KRS) 1st daytime rpt.
 STURGIS WSTR 99.3 postcard. JOHN GREENWOOD, ce (PS)

MS GREENWOOD WSWG 99.1, ltr. KEITH WORRELL, jr. ce. sent him a tape and got
 back a personal recording from him. (PS)
 MERIDIAN WALT 97.1 ltr. ROBERT K. WALL, ce (PS)
 NATCHEZ WQNZ 95.1 ltr (after 1½ yrs) new ce. DON TIEGERSER, ce. (RW)
 OCEAN SPRINGS WOSM 103.1 ltr, bs, cm, pgm sked. CHARLES H. COOPER (PS)
 PICAYUNE WJOJ 106.3 inspecific ltr. PEREASA LAMUNYON, secre. (RW)

MO JOPLIN KSYN 92.5 ltr. WILLIAM B. NEAL, gm. (KRS) (PS)
 KANSAS CITY KCUR 89.3 ltr. BILL HUNNACUTT, dir eng. (JA-TY-KRS)
 MARYVILLE KXCV 90.5 qsl card. WARREN STUCKI, ce. (KRS) (TY)
 POINT LOOKOUT KSUZ 88.1, ltr. R.W. STAUFFER, ce (?)
 ROLLA KUMR 88.5, ltr, sked, info. MARK G. FERLIG, ce (KRS) most distance
 ST. CHARLES KCLC 89.1 verie on bs. W.E. OTT, ce. (KRS)
 WARRENSBURG KCMW 90.9 ltr, SANFORD H. KIRKLAND, III, m. (KRS) mine most

NE O'NEILL KBRX 92.7, ltr-cm-promo 111. CARLEE PAUL MATHIS, ce (PS) distance.

NJ ATLANTIC CITY WFPG 96.9. qsl card on 3rd try. (TY)
 HAMMONTON WRDR 104.9, ltr & cm. JAMES N. RODIO, p. (TY)
 SOUTH ORANGE WSOU 89.5 ltr. THOMAS PARNAHM, ce. (TY)
 VINELAND WMUB 97.3 ltr. FRANK SMITH (TY)

NY ITHACA WHCU 97.3 f/ltr BOB DENISON, ce (PS)
 NEW YORK CITY WFUV 90.7 ltr. FRANK A. SEITZ, gm (PS)
 " " " WABC 95.5 new call WPLJ. ltr & card. WINSTON LOYD, ce (TY)
 " " " WRFM 105.1 ltr from eng. (TY)
 " " " WNEW 102.7 qsl card (TY)
 " " " WPIX 101.9 ltr. MILFORD K. SMITH, jr. ce. (TY)
 " " " WXLO 98.7 qsl card (TY)
 ONEONTA WONT 103.1 ltr & poster. KEITH L. ANDRE, vp. (PS)
 POUGHKEEPSIE WEOK qsl card. (TY)
 ROCHESTER WDKX 103.9 ltr. R.J. REDENBURG. (PS) mine is first verie sent.
 UTICA WIBQ 98.7 ltr. EVERETT A. RADLEY, ce. (PS) my most distance to station.

ND BISMARCK KBMR 94.5, ltr but inspecific. A.L. ANDERSON, m. (PS)

contributors: SS-Scott Sampson, Orion, Ill. RW-Richard Wood-NY. TY-Tom Yingling, Baltimore, Md. PS-Peter Sawatzky, Waterloo, Ont. RC-Richard Clark, Lighthouse Point, Fla. JA-Jim Alexander, New Hartford, NY. KRS-Ken Simon, West Palm Beach, Fla.

Not much DXing around here, not even a good Tr. my girlfriends family is trying to break us up. @?#&_%'##_&#&@:??@+##\$ _ !! Keep those reports coming in as I only have about 40 left.

73s until next month....if I make it.

Greg

GO DXING - AND LEAVE THE DRIVING TO GREYHOUND

by
Clarke
W.
Ingram

If Ken Simon can DX from an airplane.....Well, at any rate, a vacation from Pittsburgh did not mean a vacation from DX; with my newly acquired General Electric AM-FM receiver with TV sound, we set off for Atlantic City, New Jersey.

We set out from the Renaissance City at midnight on the morning of Aug. 13th. Needless to say, all Pittsburgh stations were in, although WTAE-4 was surprisingly weak. As the Greyhound bus pulled out of the terminal, the idiot in front of me decided to put down his reclining chair. I'm 6'4" with a weight to match, and never did fit well in those small seats. Now this guy decides to lean back, crushing my knees. Ah, well, it may not have been very comfortable, but the next eight hours did prove interesting.....

The AM band faded disappointingly fast. Channel 4's AM counterpart, WTAE-1250, faded almost before we reached Greensburg (25 miles). WKTQ-1320, IDing only as "13-Q" (who isn't?) followed suit shortly thereafter. Disgusted by this turn of events, I turned to FM. There I found a pleasant surprise in the form of WJNL-FM 96.5 Johnstown PA, whose 285 watts---is that right?-that's what they announced---reached a distance of over 40 miles. Soon after that, WTAE-FM 96.1, despite 50,000 watts in stereo, faded out and was not heard for the remainder of the journey.

Passing through Donegal PA on the Pennsylvania Turnpike, we picked up traces of WVSC-FM 97.7 Somerset at a distance of about 20 miles. I have them listed as 3000 watts, but the signal was so weak that the figure is questionable. Then again, it might be only Pennsylvania topography; terrain around the area is very hilly. At any rate, they weren't in for long; they were soon overshadowed by Altoona FM on 98.1, which announced 30,000 watts and were all over the dial. Didn't catch their call; local paper lists as WFBG-FM but they were to change call to WTAJ---matching their TV counterpart.

We passed through Somerset and on to Bedford PA, 85 miles from Pittsburgh. There we heard WCUM-FM 102.9 and WKGO 106.1, the only two FM's I have listed for Cumberland MD. Both were surprisingly clear despite the distance of 35 miles. WJAC-FM 95.5 Johnstown PA, after having been in for a reasonable time, began to give way to distance and hilly terrain.

By this time, it was 1:30 A.M. and a rest stop at Breezewood PA prompted the biggest DX surprise of the trip to that point. After a brief, expensive "lunch" at the terminal cafeteria, I took out my trusty portable and received a shock. Coming in loud and clear---apparently battling against an adjacent local ---at the improbable distance of 115 miles, was Pittsburgh's own WDVE 102.5! It didn't last very long, but it was there!

After that surprise, the rest of the bus journey was somewhat dismal. At one point in central Pennsylvania, the FM band was completely devoid of signals and the only signal receivable was WTRN-1340, the voice of "Tyrone State College" (?) At that point, I turned to TV. There I found Altoona's WTAJ-10, coming in unusually strong at a distance of about 50 miles with the "TV10 Action News Final", followed by sign off (224 KW ERP) and SSB. For some reason, they stayed on for about 15 minutes after ending the broadcast day. They might have been on even longer but the signal faded after that time.

Carlisle, PA is a small, unobtrusive town of about 15,000, but it has one of the most fierce ratings battles in the entire country. Carlisle only has three

radio stations, and two of them are AM. These two are right next to each other (WHYL-960, WIOO-1000) and both are rock. While Harrisburg isn't very far to the west, these two stations virtually corner the market, and the result is a violent battle to reach the top. Both stations have had it at one time or another; presently the lead is questionable for this reason---WIOO leads the market in their coverage area; WHYL, however, has 5000 watts to WIOO's 1000, and thus reaches farther--capturing more people for an audience. WIOO has long been my personal favorite; IDing as "W-100", they are considerably less 'commercial' and more professional-sounding than WHYL. WIOO also was the underdog for a long time before reaching their present status. WHYL, though, simulcasts on WHYL-FM 102.3 (there's the third station), and that gives them an important position. At any rate, it's an exciting battle, and one can tell that just by listening to the stations (all three of which we received). Perhaps some day it will draw to a conclusion.

Well, on to other things. Carlisle gave way to Lebanon and WLBR 100.1 "Stereo 100", beautiful music. Not too much further down the dial was WGAL-FM 101.3 Lancaster PA, stereo. Also in were WYCR 98.5 Hanover PA ("Stereo 98") and WQXA 105.7 (ex-WNOW) York PA, IDing only as "Q-106". Thanks to Bruce Elving and his FCC FM column, I was able to recognize it. He had noted this in his May column. "Q-106", of course, is rock.

Reaching Harrisburg, we expected to find the FM band cluttered; however, it was about 3 A.M. and most stations had signed off for the night. So did I. Apparently I didn't miss much in my brief nap from 3 to 4:30 A.M. as when I tuned to FM, the band was pretty much empty.

Hoping for some early morning MS, I turned to TV at about 5 A.M. All that was there, however, was WCAU-10, Philadelphia's CBS affiliate. President Ford had made an address that evening, and thus: "The Late Show II will not be seen tonight. Instead, we now present 'Leave It To Beaver'." Sure enough, that's what they aired. Any station that shows "Leave It To Beaver" at five in the morning.....

Most of the Philadelphia VHF's followed; first WPVI-6 with ID slide and test tone, and then KYW-3 with test tone, both at about 5:30. Then it was back to FM, where most Philadelphians were coming in strong at a distance of 78 miles. Strongest was WIOQ 102.1, another non-IDer with "102 Musicradio", rock. Also in was WIFI 92.5, IDing as 'wy-fy 92', also rock. WCAU-FM 98.1 followed, IDing as "FM 98" only (this gets tiresome), with "golden oldies" format. WPEN-FM 102.9 at least IDed properly, but appeared to be....rock?! Soon FM became too crowded for comfort as we approached the City of Brotherly Love. We stopped in Philly at 6:20 for a rest stop and a snack, then it was on into New Jersey.

It's a scant 60 or so miles from Phila. to Atlantic City over practically flat terrain. First heard from the Garden State was WSNJ 107.7 Bridgeton NJ, which on my receiver appeared to be past the 108 mark, due to bad calibration at that end of the dial. WSNJ and the Philadelphians were the only FM's for some time, until we approached Atlantic City and the sounds of WFPG 96.9 and WMGM 103.7. A.C. is hard up for a rock station; the closest is WMID-1340, which sounds more like hardened MOR. Ah well, it didn't really make much difference as we entered the Atlantic City bus terminal. It was 8:10 and the Phila. stations had all but disappeared. WHY-12 Wilmington DE was in, though, airing their TP before a scheduled "Sesame Street" broadcast at 9:00. (continued)

Atlantic City is something of an ideal spot for DX; the FM band is almost clear, and despite the concentration of TV stations (NYC, Phila, Baltimore) the TV is fairly clear. All I had to work with in the hotel was a b&w Motorola with rabbit ears, but I still managed to pull in some tropo. The direct water paths along the coast bring in stations from the East easily. WTNH-8 New Haven CT (140 miles) was in for the duration of our stay, but using the rabbit ears could easily be avoided.

The first real tropo "catch" of the stay was WVEC-13 Norfolk VA (180 mi), which was in briefly along with WAVY-10 Portsmouth VA (same distance). To get these I had to disconnect the hotel's CATV, but that was no problem; whoever had

been in that room before me had done a pretty good job of messing it up himself. Disconnecting the cable, many stations not carried by the cable were easily visible, most particularly the New York VHF's (WCBS-2, WNBC-4, WABC-7, et. al.) Unfortunately, the set lacked a UHF antenna; otherwise, I might have finally had some experience with UHF DX.

The NBC Monday Night Baseball was easily readable one night on WJAR-10 Providence RI (220 mi), while its CBS counterpart WPRI-12 carried the Late Movie. Early the next morning I was surprised to find the audio from WTEV-6 New Bedford-Providence overwhelming semi-local WPVI-6!

Probably the strangest station of the few in New Jersey is WCMC-40 Wildwood, an NBC affiliate which signs on at noon, carries some network game shows and then airs travelogs and films (ie. "The Bodybuilders: A Look at General Motors"; or, "The Thrilling World of the Caribbean.") I don't know how much of an audience they have, but I wouldn't want to guess. They are the only non-educational station truly serving the New Jersey market. (I feel sorry for the New Jersey market.)

Re-attaching the hotel's cable TV, I soon watched stations sign off and be replaced by others. Because of the heavy concentration of stations in the area noted earlier, nearly all the VHF stations carried have some amount of CCI. After WPIX-11, NYC's independent, went off the air, a clear picture came through from Baltimore's WBAL-11. Likewise with WOR-9 New York and WTOP-9 Washington DC. When WNEW-5 left the air, WTTG-5 came through, and after them came WCVB-5 Boston MA (270 miles)! The next morning I received them without the cable, using only my portable.....!

In ten days on the shore I logged half as many stations as I've logged in Pittsburgh in three years. The best tropo this time around was WCTI-12 New Bern NC---340 miles, in very briefly with a program promo. Next year at Atlantic City may prove even better.

After the very enjoyable vacation, the bus trip back to Pittsburgh awaited. Nothing that unusual happened this time; WIFI 92.5 did last almost to York PA, a distance of 75 miles, but it soon wilted. Leaving at 3 PM instead of the ungodly hour of midnight, we were able to witness a little more TV DX than we had on the initial trip. When at Lancaster, all of the Baltimore and Washington high band VHF's were in at a distance of 65 miles, and also was a tentative WITH 104.3 Baltimore, carrying Orioles baseball (?). WGAL-8 Lancaster was in loud and clear with "Truth or Consequences"; undoubtedly the local UHF's in Harrisburg, York, etc. would have been in also, but my portable received only VHF TV sound. (Well, for \$34.95.....)

Finally, after another eight-hour ride, it was back to good old Pittsburgh. Except for the tropo in Atlantic City, DX wasn't all that spectacular; I had searched for pirate "WCCS" 91.9 New York City and the pirate covering a New York superhighway from a New Jersey transmitting site, but neither were heard. That's life, I suppose. It was good to come home to my old DX site. Perhaps things will improve around here, but it's unlikely. I guess any real tropo frequency will just have to wait until I move out of here.....

73 in 74, *Clarke*

P.S. On the next page is a "collage" featuring station logos from some of the stations I received while en route to and in the Resort City. Hopefully these will help you with IDing stations should you decide to visit the shore---I recommend it highly for those of you who haven't had much tropo recently (join the club). Best of DX and good luck.---CWI

DX ★ DX ★ DX ★ DX ★ DX ★ WTFDA!



Jerseyvision

WHYY-TV 12 • Information Services Department • 46th & Market Sts. • Philadelphia, Pa. 19139

12
WHYY-TV

Vince Leonard and Mort Crim—Now together at 11 and six. If you're a six o'clock newswatcher, they're the ones to watch.

Eyewitness News
5:30, 6 & 11pm

WCAU-TV



WCTI-TV CHANNEL 12

Montclair **WNJM**

TV/50

TONIGHT AT 11:30

WPVI-TV

6



WESTCHESTER
GOLF CLASSIC

TV Special



Today &
Tomorrow
4pm
on



New Brunswick **WNJB**

TV/58

Trenton **WNJT**

TV/52

South Jersey **WNJS**

TV/23

CHANNELS LISTED IN
NEW JERSEY-PENNSYLVANIA EDITION

PHILADELPHIA
③ KYW-TV (NBC)
⑥ WPVI-TV (ABC)
⑩ WCAU-TV (CBS)
⑪ WPHL-TV (Ind.)
⑲ WTAF-TV (Ind.)
⑴ WKBS-TV (Ind.)

WILMINGTON-PHILA.
⑫ WHYY-TV (PBS)

CAMDEN, NEW JERSEY
⑬ WNJS-TV (PBS)

WILDWOOD
⑮ WCMC-TV (NBC)

TRENTON
⑯ WNJT-TV (PBS)

All programs are in color except those designated by ②

NEW YORK CITY
② WCBS-TV (CBS)
④ WNBC-TV (NBC)
⑤ WNEW-TV (Ind.)
⑦ WABG-TV (ABC)
⑧ WOR-TV (Ind.)
⑪ WPIX-TV (Ind.)
⑬ WNET-TV (PBS)

WORLDWIDE TV-FM DX ASSOCIATION

SERVING THE
VHF-UHF DX
ENTHUSIAST



November 1974

POSSIBLE ANSWERS TO A SERIOUS PROBLEM

WTFDA is continuing to fall into the worst slump in our history. Membership is falling at an alarming rate, and is now down to about 288 members. We think that we know the reasons why:

1. 1974 has been a very bad DX season.
2. 1974 has been a bad year for club publicity
3. Members have been disenchanted with inconsistent columns and vanishing editors (with DX reports).
4. Technical articles have been few and far between.
5. VUDs have been late every month.

Reason #1: Chalk that one up to Mother Nature.

Reason #2: Too late for this year.

Reason #3: We can hope that this situation is finally stabilized, but it's always nice to have back-up editors.

Reason #4: This is really a tough one to crack. In past years, Dave Janowiak and Bob Cooper have written a tremendous number of technical articles. We really can't expect them to keep up such a pace forever. This is a voluntary organization. No one gets paid to write articles. In short, we need more people to write technical articles. But it is equally important that these articles be done by well informed people in an interesting and informative manner. If you'd like to write an article on a specific subject, let HQ know BEFORE YOU START. Even if you've got an idea for an article you'd like to see, LET US KNOW!

Reason #5: ... Uhh... We're trying!

There is at least one more thing that we need-- MORE MEMBERS. Why? One practical reason is the economies of scale. You can help with this problem by sending us the names and addresses of prospective members. WHAT, you say you don't know of any?? Try this... Look around your area for apparant "TV-FM DX installations," copy down the address and we'll send them info about WTFDA. Their name ins't even needed.

With the help of you, our members, we can ride out this slowdown and build a stronger club.

Morrie Goldman

WTFDA Board Member

WESTERN TV DX

Dennis Park Smith
2237 1/2 Ceres Avenue
Chico, California 95926
Telephone 916 343-9424
Telex: 211 11 Dec

November 1974

During September, some fairly good tropo showed to receiving locations in Texas and Oklahoma at times, such as around the 15th, 23rd and especially 27th. These reporters note the weather conditions involved, commenting that it could have been better if those conditions had held longer.

Going back to July, we now have word that there indeed was some aurora DX in early July. Most western reporters indicated only that there was no E_s on 5 July because of a geomagnetic storm. At other times, there was E_s as usual with southern areas observing more E_s with higher MUF's. But in July, Fred McCormack notes auroral conditions and DX on 4, 5, 6 and 27 July, including some aurora-induced E_s on those dates, including 5 July. It is worth noting that Fred saw rather MUF's than his more southern observers on a few July dates, possibly due to auroral influences at these times. (In the September column, add 1 reporter [Fred] to these dates in the July chart: 4, 5, 6, 14, 20, 21, 27. Change these MUF's [which Fred saw as higher than other sites] on these dates in the July chart: ch 4 on 5th, 177.5 on 14th, 170.9 on 21st. Note what Fred says about the difference between the generally profile video signals of regular aurora E_s and aurora-induced E_s. Then, in September, more regular aurora E_s was noted on the 15th by Frank Adams in Oregon. Both Fred and Frank had better luck on FM for E_s than on television; for similar access on TV, one could use an old video receiver or video-carrier section on TV receiver. E_s itself in August was fairly active, and continued into September to a lesser degree. Again, more further south, some E_s and E_s E₁ E₂ E₃ E₄ E₅ E₆ E₇ E₈ E₉ E₁₀ E₁₁ E₁₂ E₁₃ E₁₄ E₁₅ E₁₆ E₁₇ E₁₈ E₁₉ E₂₀ E₂₁ E₂₂ E₂₃ E₂₄ E₂₅ E₂₆ E₂₇ E₂₈ E₂₉ E₃₀ E₃₁ E₃₂ E₃₃ E₃₄ E₃₅ E₃₆ E₃₇ E₃₈ E₃₉ E₄₀ E₄₁ E₄₂ E₄₃ E₄₄ E₄₅ E₄₆ E₄₇ E₄₈ E₄₉ E₅₀ E₅₁ E₅₂ E₅₃ E₅₄ E₅₅ E₅₆ E₅₇ E₅₈ E₅₉ E₆₀ E₆₁ E₆₂ E₆₃ E₆₄ E₆₅ E₆₆ E₆₇ E₆₈ E₆₉ E₇₀ E₇₁ E₇₂ E₇₃ E₇₄ E₇₅ E₇₆ E₇₇ E₇₈ E₇₉ E₈₀ E₈₁ E₈₂ E₈₃ E₈₄ E₈₅ E₈₆ E₈₇ E₈₈ E₈₉ E₉₀ E₉₁ E₉₂ E₉₃ E₉₄ E₉₅ E₉₆ E₉₇ E₉₈ E₉₉ E₁₀₀ E₁₀₁ E₁₀₂ E₁₀₃ E₁₀₄ E₁₀₅ E₁₀₆ E₁₀₇ E₁₀₈ E₁₀₉ E₁₁₀ E₁₁₁ E₁₁₂ E₁₁₃ E₁₁₄ E₁₁₅ E₁₁₆ E₁₁₇ E₁₁₈ E₁₁₉ E₁₂₀ E₁₂₁ E₁₂₂ E₁₂₃ E₁₂₄ E₁₂₅ E₁₂₆ E₁₂₇ E₁₂₈ E₁₂₉ E₁₃₀ E₁₃₁ E₁₃₂ E₁₃₃ E₁₃₄ E₁₃₅ E₁₃₆ E₁₃₇ E₁₃₈ E₁₃₉ E₁₄₀ E₁₄₁ E₁₄₂ E₁₄₃ E₁₄₄ E₁₄₅ E₁₄₆ E₁₄₇ E₁₄₈ E₁₄₉ E₁₅₀ E₁₅₁ E₁₅₂ E₁₅₃ E₁₅₄ E₁₅₅ E₁₅₆ E₁₅₇ E₁₅₈ E₁₅₉ E₁₆₀ E₁₆₁ E₁₆₂ E₁₆₃ E₁₆₄ E₁₆₅ E₁₆₆ E₁₆₇ E₁₆₈ E₁₆₉ E₁₇₀ E₁₇₁ E₁₇₂ E₁₇₃ E₁₇₄ E₁₇₅ E₁₇₆ E₁₇₇ E₁₇₈ E₁₇₉ E₁₈₀ E₁₈₁ E₁₈₂ E₁₈₃ E₁₈₄ E₁₈₅ E₁₈₆ E₁₈₇ E₁₈₈ E₁₈₉ E₁₉₀ E₁₉₁ E₁₉₂ E₁₉₃ E₁₉₄ E₁₉₅ E₁₉₆ E₁₉₇ E₁₉₈ E₁₉₉ E₂₀₀ E₂₀₁ E₂₀₂ E₂₀₃ E₂₀₄ E₂₀₅ E₂₀₆ E₂₀₇ E₂₀₈ E₂₀₉ E₂₁₀ E₂₁₁ E₂₁₂ E₂₁₃ 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Frank Aden, Jr. 448 NE Olney, Bend, Oregon 97701 (Aug - 15 Sept) (PDT)
Equipment includes Arvin 9', 18" 18", 3E 19" color, Panasonic 7' color.
18 Es 1030 KOAI - 2 Flagstaff AZ 4553 (26)Es 1932 KHBC - 3 Mexicali BGN 4542
1032 KORK - 3 Las Vegas NV 4552N 32 tr 2309 KOB1 5 Medford OR 3225
1035 KVVU 5 Henderson NV 5555 2312 KOAP-10 Portland OR 2225
26 Es 1929 KXMT 2 Los Angeles CA 4552N 2330 KING - 5 Seattle WA 2035
On September 15, aurora skip was noticed from 6:30 PM (when I walked into it) to 9 PM. It was the longest auroral opening I have seen. Chs 2-6 had extreme interference, no I.s. Puget Sound area FM was coming in on aurora skip also, but again no new IDs.
What is KLINE's address?..My reports to them have been returned. 73's.

Jim Pizzi, 300 Park, Orcutt, California 93454 (31 Jul - 27 Sept) (PDT)
31 tr 2158 KEMO 20 S.F. 1025 31 tr 1945 KHIT - 4 Chin. (25)tr(2000)K7ACS (KQED 9)
KQSC 36 S.J. 3445 1946 unId 2 Spanish Bradley 2345 72
KSNW - 8 Sal. 5555 1959 KWGN 2 CO KBHK 44 S.F. 4445
(No KMST or xtrs...) KTMO - 2 WY KVOF 38 S.F. at
A1 tr 0900 KTXL 40 Sac. S1 tr 0730 KGRA - 3 Sac'to. 2005 KEMO 20 S.F. "
(At least a frame obsv'd 6 of 7 KXTV 10 Sac'to. 2012 K8QCC (KQED 9)
days all Aug; Sept w/ trop bursts) KQVR 13 Sac'to. Hollister 143
3 tr 0941 K8QCC Hollister 2215 KQSD 9 S.Fran. K83RJ (KQED 9)
8 tr 1930 KOST 39 S.D. 4555 unId 38 (see below.. Gonzales 123
KPBS-15 S.D. 4555 K7LCS Bradley K29AB (K7SC 36)
2 tr 2207 KOST 39 S.D. 3555 2246 KEMO 20 S.Fran. Monterey 140
2208 KEMO 20 (Span) 2325 2247-50 Los Angeles UHF: 2700 KSNW - 8 Sal. 5555
2211 KQSC 36 S.J. 4555 28, 34, 40, 52, 68 KQSD 9 S.Fran.
2212 KBHK 44 S.F. 1335 2300 KVOF 38 S.Fran. 2202 KNTV 11 S.J. 4555
2214 KSNW - 8 Sal. 5555 (Ids & off; c/off 2301) 3233N 2206 KTXL 40 Sac. 5555
2216 KQSD 9 S.Fran. 2339 KEMO 20 S.F. 6/off) 2208 KJW - 24 Fresno
2217 KGO - 7 S.Fran. 26 tr 0815 KTEH 54 S.Jose
2257 north 738 (see below) 2308 KQSD 9 S.Fran. K77CC Hollister
2300 K83RJ Gonzal. 2135 2309 KQSC 36 S.Jose K59AC Gonzales
2301 K59AC Gonzal. 3145 2320 KSB1 - 8 Salinas KCST 39 S.Diego
2304 K8QCC Holl. 2035 12 tr 2305 K29AB Monterey 3134 0840 K7LOS Bradley 4555
10 tr 2200 K59AC Gonzales 2306 KMST 46 Mont. 4455 27 tr 2117 KFTV 21 Hanford 4555
K10 - 3 Luis Obispo, 2310 KBHK 44 S.Fran. 2118 KMST 46 Mont. 4555
or pass Morro Bay, or Paso Robles 2312 KQSC 36 S.Jose 2119 KQSC 36 S.Jose
16 Es 1920 KMID - 2 TX 2315 KPBS 15 S.Diego 2156 KEMO 20 S.Fran.
18 Es (MUF peaked at ch 5) 2316 KOST 39 S.Diego 2157 KBHK 44 S.Fran.
0959 CFAC - 2 Alta (CBC) 2317 K10 - 3 Luis Obispo K7LCS Bradley
1001 OFCN - 4 Alta (CTV) 2318 K10 - Santa Ynez (3555 at 2300)
CFOR - 4 (CBC) tent. 25 tr 2000 K59AC (KTEH 54) 2158 KVOF 38 S.Fran.
1012 unId 3 (CBC) Gonzales 4245 123 2202 KQED 9 S.F. 3454
1030 KREM - 2 WA K77CC (KTEH 54) 2203 KGO - 7 S.F. 4354
unId 4 (CBS) Hollister 2045 143 2258 KCST 39 S.Diego
1100 KOMO - 4 WA 2359 KPBS-15 S.Diego
26 Es 1834 KREM - 2 WA

All trop loggings are locations within California. Present log total is 144 plus 1 tent. This includes 35 total UHF - 18 new so far this year. FM stands at 224. KVOF 38 San Francisco is new on the air, programming is gospel, like KRR-F-3 in Los Angeles area.

Glenn Hauser, 1312 West Oak Avenue, Enid, Oklahoma 73701 (7 Sept - 7 Oct) (CST)
8 tr 2113 WOI - 5 Ames IA 9 tr C555 KFTV 7 Omaha TE (18)Es 1637 unId 2 (brief)
2118 KOIA - 8 Albion NE (CB; wedgetPatone; 0600 1637 XEW - 2 Mex. DF
2124 KEMO-11 Sx Falls SD T audioId; 0603 still 11TP) 26 tr 2213 KPLR-11 St Louis MO
2125 KFTV 7 Omaha NE 0645 KHAS - 5 Hastings NE 2225 KDIN 11 Dmoines IA
(Eyewitness News; w/7 0659 KHGI-13 Kearney NE 2231 WHO -13 Dmoines IA
in horizontal oval) (NTV net s/on) 05 Es 1913 XEW - 2 DF (cartoons)
2128 KDIN-11 Dmoines IA 10-17 Sept: Colo. trip, no DX 1915 XEZ - 3 El Paso Grc/2
(IA PTV, s/off 2252) 17 tr 2000 KOMU - 8 Columbia MO 1915 XHZ - 5 El Paso T
2140 KDIN-11 Grand Isle NE 2030 KRGG 13 Jeff City MO 2225 KDIN 11 Dmoines IA
2149 WHO -13 Dmoines IA 2229 KODE 12 Joplin MO 1943 WPTT 2 Miami FL
(2344 3/4 CB, then off) 18 Es 1631t/in XHG-4 Guad. Jal 1958 WEDU 3 Tampa FL
2307 KTTV 4 Sx City IA 1635 XHN - 2 Guad. Jal 2012 AJBK - 2 Detroit? T
2355 WOW - 6 Omaha NE 1635 XEHL - 6 Guad. Jal 2015 KGO-12 Hartford Ont
2358 KMTV 3 Omaha NE (MUF video only; strong; f/out 1642) 2015 unId 4
tr 2050 WKNO-10 Memphis? T

Bob Cooper, Jr., Route 5, Box 78, Luttrell, Oklahoma 73124, 9-30 Sent CRT

The reporting period began at the time of central nation weather pattern that experience tells us we should expect to produce spectacular long haul ducting. A large Canadian cold air mass pushed into the mid-section around the 3rd Atr, buffeted on the southern end by the then static remains of hurricane Garmen. Here in Oklahoma the signs for long-haul ducts were evident first in the evening of the 4th and continuing for several days in a "now you see, now you don't" format.

Sept 4: tropo tune-in 1950 WAPT 16 WMA 17 WMAH 19 MS through. 2:15 tune-out.
Sept 5: MS Quesada 3 KY, tr t in 182 WAPT 16 MS, 1950 WMAH 18 WMA 23 M. KCPT 19 MO (way up), 1952 sign of long-haul CBJ in & out on 16, 19, 27 among others, 2014 KDNL-30 MO w/CCI in & out (but never over from WTE 30 for 2 hrs, 21:48 WMAH-25 WMBD-31 WICS 20 IL KCBJ-17 MO, 2151 more long-haul stuff on 18, 27, 24, 20.

Sept 6: tr WICS 20 IL WMAH 17 M. KMTV 39 KVRL 24 TX, 0704 WTVU 17 IL (all signals weak, in & out on ducting; t in 1805 KMTV 39 KVRL 24 KVJS 24 KTVV 36 KIDJ 24 TX KCPT 19 MO (way up), 2035 KDNL-3 M WMA 23 MS, WJOM 26, KMTV-12 IA KCPT 16 TX, 1130 WMAH 16 WMAA 29 WMAH 12 M. KCBJ-17 MO, 22:47 KBJX 41 KATX 19 TX WMBT 33 LA, 2310 WMAH 18 MS WCPT 33 WAAV 31 WHNT-19 AL.

Sept 7: tr combination of Garmen moisture and stagnant high-pressure area plus weak cold front to west n.w. produced the session. 510 4:15 (who would be doing nothing at this ungodly hour from s.e. 2 KATX 12, 0541 KTHK-13 KTVV 10 KBJT 4 TX, 0600 KMTV 39 KVRL 24 KPRE-9 TX WJQC-13 TX KIL 2, 0601 KMTV 10 TX WMAH 31 KATX-19 AL KCBJ-15 KBJ-17 MO and go home; t in 1:55 KMTV 39 KATX 19 TX WMAH 29 M. KTVV 36 Arkansas City KS; t in 1134 KPRE 14 IA WMA 12, 1:44 KATX 18 WMAH 33 M. KCPT 33 AL WMBT 33 LA, 05:07 11 TX continued to heat with KMTV 10 MO at 12:17 t in was sure. Garmen was getting into the southern regions on the fringes and this became quiet. T in 2:00 marginal signals from KTVV 36 KVUS 24 KIDJ 24 TX.

Sept 8: tr 2:00 KMTV 10 KTVV 36 TX KATX 19 MO, 2:00 ending stretched over to an 1900 miles north-south with me in middle. 1-11 KMTV 11 KTVV 10 TX KATX 19 MO, 1:18 A Salina KS; south dried by 0300, north in until noon. Garmen's immediate influence was still degrading here at this point, and the northern stuff was again the leading edge of a N/S pressure trough. 2010 KATX-17 MO, 20:04 KBJX 41 KATX 19 TX WMAH 31 KATX-19 AL, 2155 KVPD 21 IA KYNE-26 NE.

Sept 9: tr 5:30 WLS-7 IL tentative, 0600 4-13 IA, 0615 KBJX 11 MO KMTV 11 TX, 0640 KMTV 7 ME KVPD-21 KMTV 14 IA, 07:5 KYNE-19 KPRE 29 ME, 1510 KATX-17 MO. Conds unstable this AM and through day with heavy QSB.

Sept 10: tr 0634 KOHG-8 MO KGIN-11 NE, 0712 KYNE-19 KYNE-29 NE KMEG 14 IA, 1615 KYNE 29 NE, t/in 2155 KMEG 15 IA.

Sept 11: tr 0635 KVUE 24 KTVV 36 KEDT 16 TX.

Sept 13: tr t/in 1910 KCBJ-17 KDNL-30 MO WAPT 16 MS, 2029 KBJX-19 KY(OH) WKY-32 WDXR 29 KY WJIL-38 IN.

Sept 14: tr 0735 KVPD 24 KIDJ 24 TX, t in 1933 WMAH-3 MS, 1955 KTVV 36 WJIL-38 IN, 2001 WDXR 29 WKY 32 KATX 17 (all 41 KY, 21:5 WKPT 19 MO) TX, 2155 WMT 10 WAAV 31 WHIQ 25 AL, 2:12 WJIL 38 plus loads of others in & out, we were just on for western edge of ducting this PM.

Sept 15: tr t in 74 WDXR 29 KY WJIL-38 IN, 08:5 WKYT 27 KY, 09:00 KTVV 36 snowfree at 0930, 755-01 WBLG 62 WLEX 18 KY, 09:00 WMT 10 KY WKY 32 WPT 19 KY. Signals faded down by 1200 with only KDNL 30 MO left; KDNL lasted until 1:01 even with heavy local rain. A regional low center with rain knocked things out here until the 17th and clearing weather.

Sept 17: tr t in 1700 KTVV 36 MO, t in 1804 WICS 20 IL KCBJ-17 MO low pressure center finally moved off to east leaving high pressure center behind at with heavy tropospheric moisture present. T in 0914 WMT 10 KY WJIL 38 IN WKY-36 KY, 2:00 KYNE 35 KY, t/in 2129 WMTU 21 KY, 2202 WMT 10 KY WJIL 38 IN KY, t in 2309 WICS 20 IL, 3:00 KATX-19 AL KPV5-12 KPLR-11 MO.

Sept 18: tr 0650 KTVV 36 MO, 07:00 KATX-19 AL KPV5-12 KPLR-11 MO, t in 0811 WMT 10 KY WJIL 38 IN WKY-36 KY, 2:00 WMT 10 KY WJIL 38 IN WKY-36 KY, t in 2000 WHNT-19 WAAV 31 AL WJIL-38 IN.

Sept 19: tr t in 0900 KMTV 39.

Sept 22: tr t/in 0930 KDNL-30 KCBJ-17 MO.

Sept 23: tr t/in 1946 KDNL-30 MO, t/in WMAH 25 MO, t/in WMAH 17 MO, 2155 WMAH 19 WMAH 14 MS. Rain spreading from s.w. knocked this out again, for 2 days.

Sept 26: tr t/in 0741 KCEE-23 IL WMAH-21 MO KVPD-21 IA WTVU 17 IL WMTV 15 WI, t/in 0804 KMEG 14 IA KYNE-19 KYNE 29 NE, t in 1705 KCBJ 17 MO WKOW-27 WI, 1931 WMTV 15 WI, 2053 KDNL-30 MO WTE 30, 8:49 mi. OH, 21:44 WJIL 38 IL KDNL-30 IA, 21:40 WJIL-38 IL (RDS 10 MI WJIL-38 IN WICS 20 WRAU 19 WJEC 22 WJLD 30 IL WMBD-40 IN WTP3 49 (721 mi. prev. logged as WJBC), 2203 WJEC 38 WI (784 mi. WMAH 31 WI WJBT 22 IA KDNL 30 IL, 22:00 WJAA Springfield (translator of WJIA 3 IL), 2318 WJIL 38 WJBT 16 IL (WJBT-16 MO off, tech. problems).

KVFD-21 1A WNDU-16 IN, 2343 WHO-13 1A KQTV 2 MO.

Sept 27: tr 0002 KTIH-12 1A WKBD 50 MI (890 mi). Tr t/in 0524 WOTV 8 MI (799 mi)
CKLN-9 Ont (new tent, 905 mi) WXYZ-7 MI (new tent, 890 mi), 0605 WMBD-31 IL, 0614 WLS-7
IL (887 mi), 0619 WRAU-19 IL, 0621 WQVC-35 MI (799 mi) KXIN-11 NE, 0627 KTVQ 3 MO KOLN-
10 NE, 0635 WHTV 15 MI WTVQ 17 IL, 0645 WEEK-25 IL KVFD-21 1A WHA-21 MI, 0650 WHLA-31 MI
(660 mi) (no sign of 28), 0703 KJSG 14 IA, 0727 KHBE-29 KXNE-19 NE WCEB-26 IL. I'm sorry
I waited so "late" to roll out—probably missed several others on high band. This 24-hr
session was a perfect example of fall high-pressure doming (duct through and along high-
pressure ridge). Too bad it didn't last longer. 73.

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228 (8 Sept - 8 Oct) (CST)
Equipment: 1971 model 9-inch black-and-white Penncrest; Archer V-100
antenna and 8-bay bow-tie UHF array at 20 feet with rotor
10 Es 0915-0925 2,3 unids (27(tr) 2302 WAPT 16 MS 525 (5) Es 1530: MUF to 98.9
17 Es 0920-0930 2 unid 28 tr 0117 WML - 4 LA 510 1535 WSAV- 3 GA T1050
18 Es 1115-1400 2-4 unids 29 Es 1730-1805 2,3 Spanish 1545 WCEB 2 SC T1120
1135 YSU - 4 El Sal T1200 1745 YSR - 2 El Sal T1200 1605 f/out
1148 YSR - 2 El Sal 1200 1735 TGV - 3 Quat T1120 Es 1905 KOAI 2 AZ T 855
1201 TGV - 3 Quat 1120 30 Es 1710-1715 2,3 south KTVK 3 AZ T 835
1630-1935 2-6 unids 01 Es 1250-1345 KOAI 2 AZ 855 1915 KPHO- 5 AZ T 835
1630 YSR - 2 El Sal 1200 1540-1555 2,3 unids 1920 KORK- 3 NV 1050
1705 YSU - 4 El Sal T1200 1620 WWAY 3 NC 1250 XHBJ- 4 Sin T 700
1725 TGV - 3 Quat T1120 1635 WCEB 2 SC T1120 1955 KTCA- 2 MN 1110
1800 KHTV 4 DF T 690 1643 WCIW 4 SC T1120 1956 WCCO- 4 MN T1110
KHGG- 5 DF T 690 WGSB- 4 SC T1120 1957 KSTP- 5 MN T1110
1812: MUF to 106.5 1659 WESH- 2 FL 1055 1959 KOLO- 3 IA 985
2005 unid 2 US WEDU 3 FL 985 2005: MUF to 94.5
2040 unids 2,3 US 1700 WTVJ 4 FL T1150 2040 f/out
22 tr 2357 KTKS-12 TX 230 1720 WPTV 5 FL T1150 Es 2320 YSU - 4 El Sal T1200
23 tr 1459 KFTV 11 TX 240 1730 WPBT 2 FL 1150 2329 TGV - 3 Quat 1120
KOED-11 OK T 485 1743 WCIX 6 FL 1150 (rather late for
KSMO- 7 OK T 355 -MUF to 95.1 this area in)
2200 KERA-13 TX 250 1820 unids 2-4 Spanish 6 (Es) 0017 KEYT 3 CA 1270
2215 KXTX-39 TX T 250 1930 f/out KNBC 4 CA T1190
24 Es 1115-1210 2 unids 2 Es 1000 KXKT 2 CA T1190 KXKT 2 CA T1190
1159 KTWO- 2 WY 1015 1023 KEYT 3 CA T1270 0030 KTLA 5 CA T1190
25 Es 0010-0015 2 un. w. orn. 4 tr 0800 KSMO- 7 OK T 355 0032 KNBC- 3 DCM 1015
26 tr 2220 KET - 6 NL T 275 KERA-13 TX T 350 KSTV 6 BCN T1100
XHX -10 NL T 275 0829 KXTX-39 TX 250 0040 south 2-4 Spanish
XEFE- 3 NL T 275 0835 KOED-11 OK T 485 0100 f/out
27 tr 0859 KXTX-39 TX 250 (J CCI to KTVT) Es 0542-0600 KXKT 2 CA1190
0930 KERA-13 TX 250 0855 WFAA- 8 TX 250 7 tr 1745 KSMO- 7 OK T 355
1940 WERZ 2 LA T 450 Es 1710 unids 2,3 so, brief 7s 1759 KUSO- 2 SD 920
1957 WQNO-26 LA T 510 2 Es 1420 WPBT 2 FL T1150 (again 1859;2059)
2001 WAFB- 9 LA T 450 WEDU 3 FL T 985 KTCA- 2 MN 1110
2029 WMAU 17 MS 470 WTVJ 5 FL T1150 1802 KFTY- 5 ND T1200
WMAH 19 (//17) 570 WPTV 5 FL T1150 1805 WDAY- 6 ND T1200
WMAA 29 (//19) 525 WCIX 6 FL T1150 1850 KWGN 2 CO T 810
2100 KLAN 15 LA 395 1455 WESH- 2 FL T1055 1859 KOTA- 3 SD 1040
2123 WREB 33 LA 450 1515 WJXT 4 FL T1015 1915 KTVQ- 2 WY T1015
KLFP-10 LA 395 WUFT 5 FL T 970 2105 f/out
2230 KPFL- 7 LA 325 WOTV 6 CA T 875

A large amount of Es for early October. In most years what there is usually comes
after mid-month. Oct 5-6 stuff in the wee hours also very unusual for "off-season."
50 MHz into Costa Rica (double hop) so some of the Spanish TV stuff may've been further
than Mexico, etc.

Sep 27 trop best since July, though very short-lived.

73, NASTYX.

Best of DX to all

Dennis

CHAPTER TWO

The Simons Run Amok In San Jose

After leaving CRANFIELD we flew on to San Jose, Costa Rica where we stayed at the Hotel Irazu. I must admit the trip to see Volcan Irazu's craters was quite a trip. You go up a 30 km long winding road from the town of Cartago and the temperature drops to about 45 degrees F. In town, wearing my beat cut-off jeans and a pair of flip-flops, my wife and I trundled over to the post office to buy some stamps for Glenn Hauser. On our way out it started to rain...EAP, on the tile sidewalk I became airborne and landed on mi dignidad...from there it was only a few hundred varas (ie. a vara is about a yard) to the Ministerio de Gobernacion, Policia, Justicia Y Gracia, Control Nacional de Radio, Jefatura Tecnica. After waddling through the rain and having managed to get my legs whistled at...I finally got the list.

A. TV STATIONS (a=official list, b=seen, c-listed on id)				
ch.	'nobre'	location	id	notes
2	Corp. Costarricense de TV	San Jose ?	'6', Telenac y Telecentro	a, b
4	R. TV Tica-Tac	San Jose ?	'4'	a, b
5	Televisora de C.R. ???		Canal Siete	b, c
	(WRTVH list 3 rptas in PALMIRA, TURIALBA VOLCAN and GOLFITO)			
6	Corp. Costarricense de TV	San Jose	'6', Telenac y Telecentro	a, b
7	Televisora de C.R. San Jose ?		Canal Siete	a, b
9	R. TV Tica-Tac	San Jose ?	'4'	a, b
11	Televisora de C.R. ???		Canal Siete	b, c
11	Tele Once	San Jose	???	b, c
	(WRTVH list 11 as Televictoria)			
12	Televisora de C.R. ???		Canal Siete	c

(On top of Irazu volcano, I saw some transmitter antennas but I was unable to tell whose they were. Possibly San Jose stations or Cartago repeaters are there. Also, Turialba volcano was only a few miles away.)

Sources of programing are the magazine TELE PROGRAMAS, which is similar to TVG or Tele Guia in Mexico. It costs \$ 2.50 (about 30¢) and covers 15 days in each issue. Logos, below, are from the daily newspaper, LA ACCION, and are blown up so they can be seen better. Unfortunately, the quality is bad.



The FM listed is dated AUG. 15, 1974, and lists power in watts, as well as class. I was unable to find out if this corresponded to FCC class designations. Channel designations are the same as the FCC uses.

Freq.	station	location	class	power	notes
90.3	R.Rumbo	Cartago	A	10 w.	
90.7	Acacia SA	San Jose	B	2,000	
91.1	R.City Ltda.	San Jose	A	10	
91.5	R.Libertad	San Jose	A	10	
91.9	R.Columbia	Irazu	A	50	
92.3	R.Golfito	Golfito	B	250	
92.7	R.Columbia	San Jose	A	10	
93.1	R.Fides	San Jose	A	50	
93.5	R.Monumental	Buena Vista	A	50	
93.9	R.Antena	San Jose	B	1,000	
94.3	R.Reloj	San Jose	A	250	heard?
94.7	R.Montecarlo	San Jose	A	50	
95.1	R.Monumental	San Jose	A	250	
95.5	R.Monumental	San Jose	A	50	
95.9	R. J-M-P	San Jose	B	1,000	
96.3	R.Monumental	Irazu	A	50	
96.7	R.Universidad	San Jose	B	1,000	
97.1	Farol del Caribe	San Jose	A	250	
97.5	R.Monumental	Golfitos	A	50	
97.9	R.Titiana	San Jose	B	1,000	heard
98.3	R.Casino-Tropical	Limon y Puntarenas	A	250	
(If this is one or two stations I can't tell for sure or a joint operation ?)					
98.7	R.Columbia	San Jose	B	1,000	heard
99.1	R.Columbia	San Jose	A	50	
99.5	R.Fantasia	Cartago	A	250	
99.9	Stereo Azul	San Jose	B	1,000	
100.3	R.Golfito	Golfito	A	10	
100.7	R.Mil	San Jose	B	5,000	heard
101.1	R.Cima	C. Quessada	A	10	
101.5	R.Omega	San Jose	B	1,000	
101.9	R.Universidad	Limon	A	250	
102.5	R.Pop	San Jose	B	1,000	
102.7	R.Columbia	San Jose	A	50	
103.1	R.Minuto	Puntarenas	A	50	
103.5	R.Capital	San Jose	B	500	
103.9	R.Sinai	San Isidro	A	10	
104.3	R.Eco	San Jose	B	1,000	
104.7	Ministerio C-J-D	San Jose	A	—	
105.1	R.Centro	San Jose	A	50	
105.5	R.Melodia	San Isidro	A	50	
105.9	R.Sonora	San Jose	B	1,000	
106.3	Francisco Lafuente	Cartago	A	250	
106.7	Sistema H.E.	San Jose	A	250	
107.1	Allan Delgado	Heredia	B	1,000	
107.5	R.America Latina	San Jose	A	100	
107.9	R.Bahia	Limon y Puntarenas	A	10	

As far as I can tell, 98.7 R.Columbia is an all-nighter. Limon is on the Atlantic Ocean side and Puntarenas is on the Pacific. Heredia, Irazu, Cartago are all within 35 miles of San Jose.

In San Jose, the best eating was a VAN GOGH and ESCORIAL and they weren't too expensive either. Current is 120 v. 60 cycle. Currency is the colon (¢) worth about 12 ¢ (U.S.). Don't wear shorts, don't wear shoes with slippery soles.

In the next, and final chapter, I'll tell you what not to do in EL SALVADOR and what will happen to you if you do. How not to be hassled by the U.S. Customs will also be discussed. Also, where do you hide your machete and things like that will be discussed in Chapter III or The Pupusas Taste Better in a Pupuseria Than They Do at Balboa Park, or It's Really Easier To Get To La Libertad By the Main Highway Than By Way of Panchimalco, subtitled...Is the River Huiza Really As Deep As It Looks?

So it's 73s for now. KEN SIMON/528 Pilgrim Rd./WEST PALM BEACH/Fla.33405

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